Yahoo Group Archive: AWAGroup (2012 — 2013)

Yahoo Group summary: AWAGroup

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2012-01-01 through 2013-12-31

Source WARC: awagroup.1Iv3UmV.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-08-01T12-53-37Z-36f29d

Messages included in this PDF: 3894

Message records with no body available in the source archive: 25

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

5142. Re: [AWA Group] VHF, anyone?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-01 00:01:08 UTC
From: ne1s@securespeed.us
Topic: 5133 Message: 5142

Lemme guess - 20M, Paul?

-NE1S

5143. Re: [AWA Group] TNT keying on 20m

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-01 00:06:56 UTC
From: ne1s@securespeed.us
Topic: 5139 Message: 5143

```
> The grid coil is still just a taped together
> thing laying on the board.
>

Things will start going south once you've made it permanent and pretty ;-)

-NE1S
```

5144. Re: [AWA Group] TNT keying on 20m

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-01 00:14:45 UTC
From: ve7sl@shaw.ca
Topic: 5139 Message: 5144

>I have made a sound clip of my TNT on 20 meters.

Paul....that is VERY impressive!! I am amazed at the stability. I often wondered how the boys of '29 were able to work their TNTs etc up on 20m and how awful they would sound but apparently not.

Maybe we should be adding 20m and not 160m to the BK...now wouldn't that be fun!!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5145. Mama Mia...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-01 15:38:45 UTC
From: Eddy Swynar
Topic: 5145 Message: 5145

Hi Guys,

I can remember not-that-many-years ago when folks couldn't GIVE theses things away at the local Hamfests:

http://www.ebay.com/itm/R-F-Johnson-VFO-Viking-Mobile-Transmitter-Rare-/230725216222?pt=Vintage_Electronics_R2&hash=item35b84b67de#ht_514wt_1398

This fellow certainly is hardly ready ready to do that, though, i.e. give it away---not at that price, anyway! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

5146. Re: [AWA Group] Mama Mia...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-01 18:53:32 UTC
From: Roger Kuchera
Topic: 5145 Message: 5146

He must be on a controlled substance. It sort of redefines "ridiculous."

Roger.

--- On Sun, 1/1/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@...>
Subject: [AWA Group] Mama Mia...!!!
To: AWAGroup@yahoogroups.com
Date: Sunday, January 1, 2012, 10:38 AM

Hi Guys,

I can remember not-that-many-years ago when folks couldn't GIVE theses things away at the local Hamfests:

http://www.ebay.com/itm/R-F-Johnson-VFO-Viking-Mobile-Transmitter-Rare-/230725216222?pt=Vintage_Electronics_R2&hash=item35b84b67de#ht_514wt_1398

This fellow certainly is hardly ready ready to do that, though, i.e. give it away---not at that price, anyway! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

5147. Slightly Off-Topic: EICO 717 KEYER

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-01 19:00:32 UTC
From: Eddy Swynar
Topic: 5147 Message: 5147

Hi Guys,

To-day I just discovered something that is specific to the old EICO Model 717 electronic keyer---but it just *could* be applicable to any other gear in your possession that utilizes a field coil / reed relay to accomplish rapid circuit switching...

Anyway, FWIW---delete if uninterested...

I found that the keying characteristics of the internal audio oscillator in this vintage tube-type keyer followed that of the mechanical keying mechanism very well: however, the external device being keyed displayed a noticeably truncated first dit---almost a contact bounce effect. The circuitry of the 717 in this application utilizes an ultra-miniature reed relay to key one's rig---the relay is located right in the middle of a field coil that activates it.

I found with my keyer that the location of the relay inside the coil was haphazard, at best---plenty of room to "float"---and so I experimented with moving the relay through the length of the coil, to see what effect, if any, this might have on the make of the first dit. I found that (obviously) moving the relay too far OUT of the field coil stopped the keying process entirely. However, moving it too far INTO the coil merely exaggerated the "bounce" effect...

I finally located the relay so that about 1/4" of it extended OUTSIDE of the field coil itself---and I'm very happy to proclaim that the keying is perfect now.

Previous to this "discovery", I had swapped & subbed tube after tube n the circuit, with various degrees of success. In hindsight, I can see now that any "good" or "bad" effects were most likely induced by the relay/coil moving fore/aft of one another during the process of my removing the keyer from its enclosure!

To guard against any future such variables, I applied two blobs of silicone sealant to the coil, bonding each end to the chassis...hopefully this will forever preserve "...the sweet spot" of the location betwixt these two components...

~73~ de Eddy VE3CUI - VE3XZ

5148. Re: Mama Mia...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-01 21:14:49 UTC
From: Ken Wedemeyer
Topic: 5145 Message: 5148

I paid less than 20 dollars for one of these And one for the 6N2 also , 73 K7EMO

--- In AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@...> wrote:
>
> Hi Guys,
>
> I can remember not-that-many-years ago when folks couldn't GIVE theses things away at the local Hamfests:
>
> http://www.ebay.com/itm/R-F-Johnson-VFO-Viking-Mobile-Transmitter-Rare-/230725216222?pt=Vintage_Electronics_R2&hash=item35b84b67de#ht_514wt_1398
>
> This fellow certainly is hardly ready ready to do that, though, i.e. give it away---not at that price, anyway! Hi Hi
>
> ~73~ de Eddy VE3CUI - VE3XZ
>

5149. AWA QSO on You-tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-01 22:46:23 UTC
From: Bill Stewart
Topic: 5149 Message: 5149

Happy New Year to all!

I ran across this agn in the files, from the 2010 Bruce-Kelley and I gave another listen today.

I thought it was pretty neat to hear my Hartley (on 40m) from the other end and interesting comments from Bill, KB2RAW: http://www.impressiveonlinereviews.com/rifle-shooting/watch-video/lJ3y3C7Km2c/Bill1960D/awa-qso.html

I made a few contacts on 80 m last night during SKN, with the Hartley and had the ole ten up to about 20 watts input...new years resolution: use the '20s rigs more in 2012...OOs be danged....hi.

Best to everyone in 2012...73 de Bill K4JYS

5150. Re: AWA QSO on You-tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-02 03:12:37 UTC
From: Don Dulmage
Topic: 5149 Message: 5150

I was also pounding my hartley on 40M last nite and today. around 7040. I set up a vintage station downstairs and strung a 40 m antenna. It likes the lower part of the band best but that is fine for the hartley. I have the 45 in it now but only 153 Volts on the B plus so it isnt too strong. I popped a diode in my big PS so am using my recvr supply till I get a proper set of HV diodes. .I have pomised myself a QSO a day . any mode any band. I dont have a "taxi radio" so it will be HF in CW , AM or SSB. I have been working hard on the POW set. So far I got a couple of squealsfrom it. All valuesare good but the grounded coil design is not good for a diect heated tube because you are feeding cathode current and filment voltage through the lower half of the coil. The same circuit in a indirectly heated tube would be singing away easily. I have built afew with that cicuit already. It is the easiest to construct with the fewest parts and complications. I may have to "Find" and new tube and whittle out a 5 pin socket
Don VE3LYX.

5151. Re: [AWA Group] AWA QSO on You-tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-02 14:25:15 UTC
From: ne1s@securespeed.us
Topic: 5149 Message: 5151

```
>
> I made a few contacts on 80 m last night during SKN, with the
> Hartley and had the ole ten up to about 20 watts input...new years
> resolution: use the '20s rigs more in 2012...OOs be danged....hi.
>
```

I only made 2 contacts in SKN - I wasn't really fired up to do a lot of operating - and both were a bit disappointing. The first was on 160M with the '59 Tritet (tube type, not year) on 1802. The guy's fist was not great - he ran characters together so badly that I could barely copy. It took me a few minutes to figure out his name was Art. He kept sending it as prosign AR, T. QRN was moderate so he signed pretty quickly.

The next was on 40M yesterday morning on the PP TNT. The guy lost me - he apparently was using a narrow filter and I apparently drifted outside his passband :-)

I used the RAL-7 for both QSOs, which was fun.

I guess I've been spoiled by the competence of the AWA operators.

73,
-Larry/NE1S

5152. Re: [AWA Group] AWA QSO on You-tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-02 14:32:26 UTC
From: Eddy Swynar
Topic: 5149 Message: 5152

On 2012-01-02, at 9:25 AM, ne1s@... wrote:

>
> I only made 2 contacts in SKN - I wasn't really fired up to do a lot of
> operating - and both were a bit disappointing. The first was on 160M with
> the '59 Tritet (tube type, not year) on 1802. The guy's fist was not great
> - he ran characters together so badly that I could barely copy. It took me
> a few minutes to figure out his name was Art. He kept sending it as
> prosign AR, T. QRN was moderate so he signed pretty quickly.
>
> The next was on 40M yesterday morning on the PP TNT. The guy lost me - he
> apparently was using a narrow filter and I apparently drifted outside his
> passband :-)
>
> I used the RAL-7 for both QSOs, which was fun.
>
> I guess I've been spoiled by the competence of the AWA operators.
>
>

Hi Larry,

From what I could gather, the SKN crowd sure was out in force on the night of the event on---of all places---160-meters! And I DO mean out in force, too: they were all over the band, in complete & utter "violation" of Topband's unofficial DX sand box rules, too, like a gaggle of school kids taking over the place! (kinda nice to see for a change, I must admit!).

I even heard K3Y/2 hammering away...

I was tempted to call a few of the stations calling CQ, but it just didn't seem appropriate here, what with my electronic keyer & modern equipment...besides, there already seemed to be more than enough fun to go around, from what I heard!

~73~ de Eddy VE3CUI - VE3XZ

5153. Re: [AWA Group] AWA QSO on You-tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-02 15:53:31 UTC
From: Bill Stewart
Topic: 5149 Message: 5153

Hi Larry,

I started out on 160 too, with great plans. I called and fiddled for about an hour but the 'lil ole 4 w Meissner just wouldn't cut the mustard. Band c ondx weren't very good here...a fair amt of QRN, too. I then went to 80m and used the Hartley for a couple of QSOs, but like you, I just couldn't get in the grove and the few stns I worked mostly wanted to hit and run...plus, the fists just didn't make for real fun copy. Ya just can't beat our AWA events for great CW ops.

73 de Bill K4JYS

----- Original Message -----

From: ne1s@securespeed.us
To: AWAGroup@yahoogroups.com
Sent: Monday, January 2, 2012 9:25:15 AM
Subject: Re: [AWA Group] AWA QSO on You-tube

>
> I made a few contacts on 80 m last night during SKN, with the
> HartleyÂ andÂ had the ole ten up to about 20 watts input...new years
> resolution: use the '20s rigs more in 2012...OOs be danged....hi.
>

I only made 2 contacts in SKN - I wasn't really fired up to do a lot of operating - and both were a bit disappointing. The first was on 160M with the '59 Tritet (tube type, not year) on 1802. The guy's fist was not great - he ran characters together so badly that I could barely copy. It took me a few minutes to figure out his name was Art. He kept sending it as prosign AR, T. QRN was moderate so he signed pretty quickly.

The next was on 40M yesterday morning on the PP TNT. The guy lost me - he apparently was using a narrow filter and I apparently drifted outside his passband :-)

I used the RAL-7 for both QSOs, which was fun.

I guess I've been spoiled by the competence of the AWA operators.

73,
-Larry/NE1S

5154. Flintstone tube.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-02 17:31:30 UTC
From: Don
Topic: 5154 Message: 5154

The open air tube dried enuf to try it. The cathode is a copper pipe 1 inch . The grid some type of aluinum expanded metal rolled around rge tube insulated by writing paper. The plate is a piece of steel tubing from my shop. I mounted it all in Air dry clay from Michels and let it cure appying some candle heat to help . The cathode is also the chiminy. Today I took it and set it on some 1 1/4 strips of wood. I clipped a lead to the plate (steel.) I made a paper clip type deal out of some stiff, bare copper wire. I had already made a ear for clipping the grid at the bottom. I hooked up 12 half dead 9 volts. Open voltage measured 94 volts. I hooked a 2.2 K resitor that was sitting on my desk into the grid circuit and clipped that to the cathode supply. I hooked a set of Brandes earphones in series with the B+ lead. I lit the candle and let it warm up. I was surprised to hear a hissing sound in the phones. I got my XYL to come and hear it too just so I have a witness. By then the candle had been going for about an hour and it was quite loud. SO I blew out the candle and let it cool. It too quite awhile to stop BTW. After it was cool I measured everything to insure nothing goofy was going on . I verified no contact or continuity of any kind between any of the three triode elements. I hooked it all up again and the tube was cold. Nothing . I lit the candle and sat there telling myself it cant be then a psssssssssssst , pop after about 4 minutes a fiant hiss. Finally after about 15 minutes it was quite loud again although it never reached the sound level it had after an hour. I measured the plate voltage underload 63-64v. I unhooked the grid. Voltage jumped then settled back (diode mode?) I hooked it back up . loud clicking in the phones as I did. I tried feeding a signal from a crystal set into the grid circuit. Other than hook up clicking it wouldnt work but still the tube is doing something. Drawing plate current variable from grid supply or bias. What good is it? Probably not good for anything other than a demo of how a tube works. Interesting? To me extremely. I truely expected zip.I will save it for posterity but now back to my radios.
Don VE3LYX
BTW I recorded the sound and also made a wee video. It is just a few KBs if anyone want to have a listen I would just email direct. . I may you tube it someday.

5155. Re: [AWA Group] AWA QSO on You-tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-02 22:22:26 UTC
From: Don Dulmage
Topic: 5149 Message: 5155
Attachments: 2 described; binary payloads are missing from this source WARC

Today I finshed all the basic stuff on the 1 tube transceiver. I installed a Key jack and finished the link output optional conections . I can feed the recv antenna , use a windom or any single wire antenna or a typical coax outupt if desired. I installed a Key jack in the B- circuit using a phones jack which bypasses if the key isnt plugged in. I also moved the voltage dropping resistors from the PS to the recv circuit. That way TX is full PS power. I need to use a shorting bar type key for recv or buy a brick ;>) My bug has a shorting bar but I am not really fast enuf for it. Future plans may include an audio amp/rf PA switchable. (1 tube , 2 jobs)Still thinking about it.
Meanwhile I too have vowed more ops this year. I promised myself one per day if at all possible in any of my modes. I pound my old first hartley too anytime I am in the vintage shack. As close to 7040 as I can be.
Don VE3LYX

5156. Isolantite tube sockets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-02 23:24:13 UTC
From: steve
Topic: 5156 Message: 5156

When did they first appear on the market?

5157. Re: [AWA Group] Flintstone tube.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-03 13:17:20 UTC
From: Don Dulmage
Topic: 5154 Message: 5157

I posted the video of the tube thing on youtube under no vacuum radio tube. I still am a bit miffed. I expected nothing.
Today I am thinking about a VLF regen . I wonder would an RC osc circut work instead of a LC circuit.
Audio osc are often made with RC circiuts and are fairly stable. At 17.2 kcs SAQ is in the range easily attainable with an audio osc. Will the audio osc circuit lend itself to becoming a regen recvr for high end of audio (borderline RF)?
Don VE3LYX

5158. Re: Flintstone tube.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-03 13:41:26 UTC
From: Wade
Topic: 5154 Message: 5158

> What good is it? Probably not good for anything other than a demo of how a tube works. Interesting? To me extremely. I truely expected zip.I will save it for posterity but now back to my radios.

You just invented the first ever solid state vacuum tube:)

Wade

Honey Hill Farm
http://www.honeyhillfarm.com
beekeeper@...

5159. Re: Isolantite tube sockets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-03 19:04:21 UTC
From: steve
Topic: 5156 Message: 5159

--- In AWAGroup@yahoogroups.com, "steve" <kk7uv@...> wrote:
>
> When did they first appear on the market?
>
Or maybe I should just say "ceramic" or "porcelain". I had assumed Isolantite was the first trade-name but perhaps not.

Steve
KK7UV

5160. Re: [AWA Group] Re: Isolantite tube sockets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-03 19:46:24 UTC
From: Leonard Meek
Topic: 5156 Message: 5160

Isolantite is a trade name for a steatite ceramic, made by the Isolantite Co. of America. Couldn't find any history on it, but it was advertised in my 1936 ARRL handbook.

Leonard

----- Original Message -----
From: "steve" <kk7uv@...>
To: <AWAGroup@yahoogroups.com>
Sent: Tuesday, January 03, 2012 9:04 AM
Subject: [AWA Group] Re: Isolantite tube sockets

>
>
> --- In AWAGroup@yahoogroups.com, "steve" <kk7uv@...> wrote:
>>
>> When did they first appear on the market?
>>
> Or maybe I should just say "ceramic" or "porcelain". I had assumed
> Isolantite was the first trade-name but perhaps not.
>
> Steve
> KK7UV
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

5161. Re: Isolantite tube sockets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-03 20:35:01 UTC
From: steve
Topic: 5156 Message: 5161

QST. April, 1926, pp. 14-16

" Isolantite A Unique Material," A. C. Lescarboura and
R. S. Kruse.

A new insulating material, Isolantite, is being extensively
used in radio apparatus because of its hardness, toughness,
moisture-resisting qualities, and exact machining properties.
The authors describe the new material, how it is machined
and then hardened by a special heat-treating process. Its
dielectric strength is over 30,000 volts per millimeter. The
phase angle is less than .010 degree, showing low dielectric
losses. The dielectric constant is 3.6 and at 50 per cent,
relative humidity, the resistivities are 6 x io 14 ohms per
cc. and 5 x io l& ohms per sq. cm.

Okay then, we know when the material came on the scene. So now tracking
down when tube sockets were made out of it.

5162. Re: [AWA Group] Re: Flintstone tube.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-03 20:27:15 UTC
From: Don Dulmage
Topic: 5154 Message: 5162

I am not the first. Maybe the first to make a round one and use a copper cathode. There have been other successful experiments with bolts , wire and bunsen burners. Now i wonder why I made it. And what to do with it?
Don Ve3LYX

5163. Re: [AWA Group] Re: Isolantite tube sockets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-03 22:01:32 UTC
From: Jon
Topic: 5156 Message: 5163

If you are referring to the familiar white ceramic wafer sockets, I believe they started coming out around 1931. When the National SW-3 first came out, it didn't yet have porcelain sockets until a year or so later, suggesting National didn't make them yet.

There were a number of ceramic bayonet sockets available in the twenties. I think Crosley made white ones. Another company made white ones with metal sleeves. RCA made black porcelain and metal sockets for 201 sized tubes and 50-watters.

From: steve <kk7uv@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, January 3, 2012 2:35 PM
Subject: [AWA Group] Re: Isolantite tube sockets

QST. April, 1926, pp. 14-16

" Isolantite A Unique Material," A. C. Lescarboura and
R. S. Kruse.

A new insulating material, Isolantite, is being extensively
used in radio apparatus because of its hardness, toughness,
moisture-resisting qualities, and exact machining properties.
The authors describe the new material, how it is machined
and then hardened by a special heat-treating process. Its
dielectric strength is over 30,000 volts per millimeter. The
phase angle is less than .010 degree, showing low dielectric
losses. The dielectric constant is 3.6 and at 50 per cent,
relative humidity, the resistivities are 6 x io 14 ohms per
cc. and 5 x io l& ohms per sq. cm.
Okay then, we know when the material came on the scene. So now tracking down when tube sockets were made out of it.

5164. Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 01:34:29 UTC
From: steve
Topic: 5164 Message: 5164

I was happy to learn that these are still being made, and from the web photos appear to be the same as they were 80-some years ago.

So this is one of those parts companies where you have to "Request For Quote" which always returns a scary figure.

I requested 20 of each of two styles B and D. And the returned quote is (drumroll)....

$713!!!!!!!!!!!!!!!!!!!!!!!!!!!

I can forward anyone the quote sheet if there is disbelief.

5165. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 09:20:33 UTC
From: Louis Vermond
Topic: 5164 Message: 5165

$713!!!!!!!!!!!!!!!!!!!!!!!!!!!

Phone them....

5166. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 15:25:42 UTC
From: Don Dulmage
Topic: 5164 Message: 5166

Probably the same price for 200.
Me I would take a ceramics class and then make my own. If someone else can make it there is no reason in God's green earth why you cant. Case in point. A couple of years ago i decided to learn to cast aluminum. I made 18 pistons eventually . An exec from Wiesco Pistons saw the video and told a mutual aquaintance that how I was doing it was not any different then one would find in cottage industry in China today. Eventually he emailed me direct. First you need to mold an old one. Michaels craft store (where your XYL goes) has mold making materials for ceramic or whatever. You can make an exact dupkicate. Once you have a mold you can make them till the mold wears out or tears. Now it you one of those "The diaelectic properties of homemade ceramic might not be condusive to Rf in the hf range and beyond and certainly not microwave bla bla bla etc" give it a rest. That is QRM. Thomas Edison , my hero for some 55+ years said "Inventions are made by people too stupid to know it wont work." I am sure he grinned when he said it. My Paw the engineer told me often as a kid. "If you dont try then for sure it wont work!" Used to drive me nuts but life has taught me that was valuable advice. The ultimate would be if your XYL is into ceramics, Take her to her favourite restaurant , go grocery shopping with her(and comment on NOTHING!) and when she finally says "What do you want?" Say "Sweetpea, Could you make me 20 of these?" You have a 50% chance. It will either be yes of no. Now I prefer making things . The early hams would have too because $ were tight and availabilty was tight as well.
Don VE3LYX

5167. Re: [AWA Group] VHF, anyone?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-01 01:34:40 UTC
From: Leonard Meek
Topic: 5133 Message: 5167

Paul, I read somewhere, MRL maybe, that you can tell if a material is suitable for RF work by nuking it for a minute in a microwave. If it doesn't heat up, it's good to go.

Leonard

----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 31, 2011 1:08 PM
Subject: Re: [AWA Group] VHF, anyone?

Fakelite, or better yet...Lou-kelite

Ha! I love it!

Looks nice. I will see if either of my local tiny hardware stores have it when they re-open on Tuesday.

I was thinking phenolic XX tube. It's tan/brown... but possibly could be painted.

73,
Paul

5169. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 16:46:47 UTC
From: steve
Topic: 5164 Message: 5169

Probably the same price for 200.

I asked what the price/quantity break point would be for an "affordable-to-the-hobbyist" 2 to 3 dollars each. Without going through the actual RFQ effort, their estimate was 5000 pieces at $3.98 each. Obviously, you'd need to be a retailer to afford this, and then have to resell at some profit. They said they had not had an order for these since 2004.

Me I would take a ceramics class and then make my own. These are not ceramic. The originals are brass with bakelite skirts and knobs. I assume the modern skirts & knobs to be some synthetic. It is easy enough to make various sorts of serviceable binding posts out of the variety of commonly available hardware. But the underlying point of my posting was to make the group aware that Eby still exists and still makes binding posts.

5170. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 15:44:38 UTC
From: Don Dulmage
Topic: 5164 Message: 5170

I was talking about sockets. Binding posts I can make in my lathe.
Don VE3LYX

5171. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 17:12:21 UTC
From: steve
Topic: 5164 Message: 5171

I was talking about sockets.

Tube Sockets? I don't see how that is relevant to the topic "Eby Binding Posts".

5172. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 17:58:33 UTC
From: N1BUG
Topic: 5164 Message: 5172

I spent considerable time looking for a dealer who had the Eby 6600 all metal binding posts. I did not find one. Abbatron / H H Smith also make an all metal binding post (part # 159) of interest to me, but I ran into the same problem. No dealer seems to carry them. Frustrating. Binding posts remain one of several items I scour eBay for twice a day every day. I wish I'd had the good sense to buy more of the modern all metal ones on eBay a few months ago when they were available. What was I thinking? (no need to answer that ;-)

73,
Paul

5173. RE: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 18:05:58 UTC
From: Mike Feher
Topic: 5164 Message: 5173

Paul -

Do you have a picture of one of these that you are searching for? - 73 -
Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of N1BUG
Sent: Wednesday, January 04, 2012 12:59 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Eby Binding Posts

I spent considerable time looking for a dealer who had the Eby 6600 all
metal binding posts. I did not find one. Abbatron / H H Smith also make an
all metal binding post (part # 159) of interest to me, but I ran into the
same problem. No dealer seems to carry them. Frustrating. Binding posts
remain one of several items I scour eBay for twice a day every day. I wish
I'd had the good sense to buy more of the modern all metal ones on eBay a
few months ago when they were available. What was I thinking? (no need to
answer that ;-)

73,
Paul

5174. Re: [AWA Group] VHF, anyone?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 18:13:33 UTC
From: N1BUG
Topic: 5133 Message: 5174

Paul, I read somewhere, MRL maybe, that you can tell if a material is suitable for RF work by nuking it for a minute in a microwave. If it doesn't heat up, it's good to go.

Leonard, I have used that approach to testing materials. Just be careful. Some materials melt or burn and smell really bad. Those are the ones you definitely do not want to use for RF projects. :-)

Neither of my local stores have plastic pipe of any sort in the required diameter, so I ordered some phenolic tube. I will refrain from commenting on its suitability until I have it in hand but it was cheap. It's the same diameter and wall thickness as the bakelite I used for the 80m grid coil. Of course it's the wrong color... tan/brown. I could paint it black, but honestly am not sure I will bother. I'm backing off a little on my demand that everything be or at least look totally authentic. My family of plate tank coils is growing. As soon as I get the phenolic I will start winding grid coils. Hmm... I wonder how many bands I could get this thing to work on...

Paul

5175. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 18:29:22 UTC
From: N1BUG
Topic: 5164 Message: 5175
Attachments: 2 described; binary payloads are missing from this source WARC

Mike,

Quick & dirty pictures of the two types of binding posts I mistakenly thought would be easy to come by. They may be still being made, but just try to buy some! Both are tapped 6-32 on the bottom for mounting.

73,
Paul

5176. Re: [AWA Group] TNT Coils for 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 18:35:27 UTC
From: N1BUG
Topic: 5137 Message: 5176

Jim,

Thanks for the info on the "original" TNT 160 meter coils. Apparently it has finally happened: I've collected so many files on vintage stuff I no longer know what I've got. I have the entire 1931 handbook as a PDF file so this was sitting right under my nose the whole time. {sigh}

73,
Paul N1BUG

On 12/31/2011 05:31 PM, JAMES HANLON wrote:

>From both my 1931 and 1935 ARRL Handbooks, the following coils are specified for 160 for a TNT using a 500 mmfd tuning capacitor. Tubes specified are either a UX-210 with a 500 vdc plate supply and a 7.5 vac filament supply or a '01-A with a 135 volt dc plate supply and a 6 vdc filament supply.

Plate coil: 25 turns of #14 dcc on a 3" diameter form with spacing between turns equal to the diameter of the wire.

Grid coil of 150 turns on the same size form as the other grid coils. The number of turns on the grid coil(s) may reqqire some modification. Turns should be added or removed until the set operates stably and efficiently over the required frequency band.

Elsewhere in the article, it says, "the grid coils are wound with #30 dcc wire on 2 1/2 inch length of 1 inch tubing which may be of bakelite, paper, wood or any other of the common insulating materials. The coils should be given a coat of collodion or clear Duco varnish to maintain their characteristics.

I'd be glad to copy the article for anyone who is interested.

Jim, W8KG

5177. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 13:02:24 UTC
From: ne1s@securespeed.us
Topic: 5164 Message: 5177

> If someone else can
> make it there is no reason in God's green earth why you cant.

Not necessarily. Try making a microprocessor chip at home, for example.

> Case in
> point. A couple of years ago i decided to learn to cast aluminum. I made
> 18 pistons eventually .

I admire you're "gumption" and skills.

>Once you have a mold you can make them till the
> mold wears out or tears. Now it you one of those "The diaelectic
> properties of homemade ceramic might not be condusive to Rf in the hf
> range and beyond and certainly not microwave bla bla bla etc" give it a
> rest. That is QRM.

Again, not necessarily. It depends on the particular material and application.

> Thomas Edison , my hero for some 55+ years said
> "Inventions are made by people too stupid to know it wont work." I am sure
> he grinned when he said it. My Paw the engineer told me often as a kid.
> "If you dont try then for sure it wont work!" Used to drive me nuts but
> life has taught me that was valuable advice.

Good advice up to a point. Thomas Edison ended up working a lot more hours than he needed to, and wasting a lot of resourcesthan if he'd had been willing to a bit of research first. Re-inventing the wheel is nonproductive. See what people in the field have done and found, and if you have reason to question something, design and perform an experiment that will answer the question. Or pick up where they've left off. I'm all for getting one's hands dirty in the lab, but it's unwise to "throw out the baby with the bathwater" and discount all the work of folks who have already been down the road you're about to take, and by folks who have legitimately studied and understand the science behind the technology much more than you or I.

One example I've been meaning to comment on is your "flame tube." You may not want to hear this, but it can't possibly work like a vacuum tube because at atmospheric pressure any electrons will have way, way, too many collisions for any appreciable anode current to develop. In the vernacular of physics, the mean free path of the electrons needs to be considerably greater than the spacing between elements to produce a cathode-to-anode electron current. "Vacuumless vacuum tubes" have been made using microelectronic techniques, but this requires element spacing much less than you would be able to achieve in the home shop - on the order of a

micron or less, in order to satisfy that condition. Field emitters (sharp points) were used in lieu of a hot cathode, but it's an alternative way or emitting electrons to produce the space charge. If you are hearing something in your 'phones with the "flame tube" it is a completely different physical process causing it, than what occurs in a vacuum tube. I have read that DeForests' story of getting promising results from "flame tubes" during the research that ultimately lead to the invention of the triode was a complete fabrication in order to avoid being accused of breaching the Fleming patents.

> Now I prefer making things . The
> early hams would have too because $ were tight and availabilty was tight
> as well.

Making things is fun! And you are obviously good at it.

Technology progresses best not by theoretical work alone nor by experimentation alone, but by a disciplined combination of the two.

73,
-Larry/NE1S

5178. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-04 21:06:42 UTC
From: Don Dulmage
Topic: 5164 Message: 5178

When you get to be my age you occcasionally have brain farts. I am sorry I was wrong.
Don Ve3LYX

5179. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 14:33:11 UTC
From: Don Dulmage
Topic: 5164 Message: 5179

I spent a complete lifetime developing things in my own discipline through a sound knowledge of the principles involved (I taught engine theory at college level for several years beside working on the practical side and have authoured a book and written numous articles on parts of that subject.)but I also have a fearless abilty to try everything and to assume nothing or know know that not everything written is true. It provided me wth a very successfull career ending with supplying a motor to Lemans Classic race in France. So just so you know I am not a "hands on only person" but just because someone says something I also always test to see. And BTW the fact he might have 20 letter past his name means absolutley nothing to me. I grew up in such a house. That says how much education one has not how smart he is. I will go down and tell my tube now that it didnt work despite the sound and measurments and the fact that two others who have successfully done it and is readily avaialble on the web after which I will also have a word with all my variable capacitors that are passing electrons in free air space. Doesnt matter. Tis what it is. Meanwhile I am back at my 1 tube vintage stuff. 7040 everyday.
Theorys are great and a necessary part of any experimental deal. In fact are the first step but they must be proven to be fact. One good experiment beats 1000 expert opinions. Always has always will.
Don Ve3LYX

5180. High Voltage Mica Caps used in the Late 20's?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 14:38:30 UTC
From: Joe Y
Topic: 5180 Message: 5180

Hello and Happy New Year to the Group,

I have a question about what type of mica capacitor was typically used in transmitters in the late 20's using a "50 Watt Tube" 203A, 211 etc.. I am hoping someone in the group could assist me in making a determination of what was available back then.
The standard I have seen in rigs using 45's and 10's are the dark brown Type A Sangamo's but I am not sure what their voltage rating is and if a builder would actually use them in a rig running a higher B+ voltage.
Below I have several of the larger light brown sangamo type A2, dubilier type 9 and a pair of illini's which I may want to use. Unfortunately I don't have any really good pictures of original 50 watt rigs to examine. My old QST's and Chi Rad catalog do not have advertisements for these types so I am unsure if they are period correct.
I would be grateful for any input from someone in the group who may have pictures or advertisements that would indicate the caps below are from the late 20's

73,
Joe N2OUV

5181. Re: [AWA Group] High Voltage Mica Caps used in the Late 20's?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 16:36:50 UTC
From: Jon
Topic: 5180 Message: 5181
Attachments: 1 described; binary payloads are missing from this source WARC

The Type A Sangamo's were available with a 5000 volt rating. Anything with a light-brown casing is sure to be too new.

From: Joe Y <bbc39668@...>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Thursday, January 5, 2012 8:38 AM
Subject: [AWA Group] High Voltage Mica Caps used in the Late 20's?

Hello and Happy New Year to the Group,

I have a question about what type of mica capacitor was typically used in transmitters in the late 20's using a "50 Watt Tube" 203A, 211 etc.. I am hoping someone in the group could assist me in making a determination of what was available back then.
The standard I have seen in rigs using 45's and 10's are the dark brown Type A Sangamo's but I am not sure what their voltage rating is and if a builder would actually use them in a rig running a higher B+ voltage.
Below I have several of the larger light brown sangamo type A2, dubilier type 9 and a pair of illini's which I may want to use. Unfortunately I don't have any really good pictures of original 50 watt rigs to examine. My old QST's and Chi Rad catalog do not have advertisements for these types so I am unsure if they are period correct.
I would be grateful for any input from someone in the group who may have pictures or advertisements that would indicate the caps below are from the late 20's

73,
Joe N2OUV

5182. Re: [AWA Group] High Voltage Mica Caps used in the Late 20's?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 17:13:06 UTC
From: Jon
Topic: 5180 Message: 5182
Attachments: 3 described; binary payloads are missing from this source WARC

More evidence from the September 1928 QST:

First, a transmitter using a 250 watter with 2000 volts on the plate. Notice that the 5000 volt condensers used are clearly the dark brown Sangamo Type A's.

Also shown is a condenser for a 20 kW tube made of the same 5000 volt dark brown Sangamo Type A's connected in series-parallel.

5183. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 17:22:30 UTC
From: Leonard Meek
Topic: 5164 Message: 5183

Sometimes in the process of reinventing the wheel, something will be discovered that was overlooked in the original process, or leads off in a whole new direction.

Leonard

----- Original Message -----
From: <ne1s@...>
To: <AWAGroup@yahoogroups.com>
Sent: Thursday, January 05, 2012 3:02 AM
Subject: Re: [AWA Group] Eby Binding Posts

>> If someone else can
>> make it there is no reason in God's green earth why you cant.
>
> Not necessarily. Try making a microprocessor chip at home, for example.
>
>> Case in
>> point. A couple of years ago i decided to learn to cast aluminum. I made
>> 18 pistons eventually .
>
> I admire you're "gumption" and skills.
>
>>Once you have a mold you can make them till the
>> mold wears out or tears. Now it you one of those "The diaelectic
>> properties of homemade ceramic might not be condusive to Rf in the hf
>> range and beyond and certainly not microwave bla bla bla etc" give it a
>> rest. That is QRM.
>
> Again, not necessarily. It depends on the particular material and
> application.
>
>> Thomas Edison , my hero for some 55+ years said
>> "Inventions are made by people too stupid to know it wont work." I am
>> sure
>> he grinned when he said it. My Paw the engineer told me often as a kid.
>> "If you dont try then for sure it wont work!" Used to drive me nuts but
>> life has taught me that was valuable advice.
>
> Good advice up to a point. Thomas Edison ended up working a lot more hours
> than he needed to, and wasting a lot of resourcesthan if he'd had been
> willing to a bit of research first. Re-inventing the wheel is
> nonproductive. See what people in the field have done and found, and if
> you have reason to question something, design and perform an experiment
> that will answer the question. Or pick up where they've left off. I'm all
> for getting one's hands dirty in the lab, but it's unwise to "throw out

> the baby with the bathwater" and discount all the work of folks who have
> already been down the road you're about to take, and by folks who have
> legitimately studied and understand the science behind the technology much
> more than you or I.
>
> One example I've been meaning to comment on is your "flame tube." You may
> not want to hear this, but it can't possibly work like a vacuum tube
> because at atmospheric pressure any electrons will have way, way, too many
> collisions for any appreciable anode current to develop. In the vernacular
> of physics, the mean free path of the electrons needs to be considerably
> greater than the spacing between elements to produce a cathode-to-anode
> electron current. "Vacuumless vacuum tubes" have been made using
> microelectronic techniques, but this requires element spacing much less
> than you would be able to achieve in the home shop - on the order of a
> micron or less, in order to satisfy that condition. Field emitters (sharp
> points) were used in lieu of a hot cathode, but it's an alternative way or
> emitting electrons to produce the space charge. If you are hearing
> something in your 'phones with the "flame tube" it is a completely
> different physical process causing it, than what occurs in a vacuum tube.
> I have read that DeForests' story of getting promising results from "flame
> tubes" during the research that ultimately lead to the invention of the
> triode was a complete fabrication in order to avoid being accused of
> breaching the Fleming patents.
>
>> Now I prefer making things . The
>> early hams would have too because $ were tight and availabilty was tight
>> as well.
>
> Making things is fun! And you are obviously good at it.
>
> Technology progresses best not by theoretical work alone nor by
> experimentation alone, but by a disciplined combination of the two.
>
> 73,
> -Larry/NE1S
>
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> Yahoo! Groups Links
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5184. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 17:26:02 UTC
From: Leonard Meek
Topic: 5164 Message: 5184

Amen!
----- Original Message -----
From: Don Dulmage
To: AWAGroup@yahoogroups.com
Sent: Thursday, January 05, 2012 4:33 AM
Subject: Re: [AWA Group] Eby Binding Posts

I spent a complete lifetime developing things in my own discipline through a sound knowledge of the principles involved (I taught engine theory at college level for several years beside working on the practical side and have authoured a book and written numous articles on parts of that subject.)but I also have a fearless abilty to try everything and to assume nothing or know know that not everything written is true. It provided me wth a very successfull career ending with supplying a motor to Lemans Classic race in France. So just so you know I am not a "hands on only person" but just because someone says something I also always test to see. And BTW the fact he might have 20 letter past his name means absolutley nothing to me. I grew up in such a house. That says how much education one has not how smart he is. I will go down and tell my tube now that it didnt work despite the sound and measurments and the fact that two others who have successfully done it and is readily avaialble on the web after which I will also have a word with all my variable capacitors that are passing electrons in free air space. Doesnt matter. Tis what it is. Meanwhile I am back at my 1 tube vintage stuff. 7040 everyday.
Theorys are great and a necessary part of any experimental deal. In fact are the first step but they must be proven to be fact. One good experiment beats 1000 expert opinions. Always has always will.
Don Ve3LYX

5185. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 19:34:09 UTC
From: ne1s@securespeed.us
Topic: 5164 Message: 5185

> I will also have a word with all my variable capacitors
> that are passing electrons in free air space.

Don, if your capacitors are passing electrons in free air space they must be arcing over. That is not the way a capacitor works (unless the dielectric is breaking down).

I'm sorry, I meant no insult in my last post, but you appear to have taken it that way. You are free to disagree, but (IMHO) you would be wrong to do so.

73,
-Larry/NE1S

5186. RE: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 19:45:34 UTC
From: Mike Feher
Topic: 5164 Message: 5186
Attachments: 1 described; binary payloads are missing from this source WARC

This reminds me of the fabricated letter by the "old man (HPM)" in the December 1915 issue of QST. I have posted it on here about a year ago, but, here it is again. Enjoy - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ne1s@...
Sent: Thursday, January 05, 2012 2:34 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Eby Binding Posts

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> that are passing electrons in free air space.

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73,
-Larry/NE1S

5187. RE: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 19:59:25 UTC
From: ne1s@securespeed.us
Topic: 5164 Message: 5187

> This reminds me of the fabricated letter by the "old man (HPM)" in the
> December 1915 issue of QST. I have posted it on here about a year ago,
> but,
> here it is again. Enjoy - Mike
>

That's pretty good, Mike! I'd attempt to answer it, but I'd have to spend
too much time figuring out what the questions were, first ;-)

73,
-Larry/NE1S

5188. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 20:04:49 UTC
From: Leonard Meek
Topic: 5164 Message: 5188

He must have been using "Google Translate."
----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: Thursday, January 05, 2012 9:45 AM
Subject: RE: [AWA Group] Eby Binding Posts

This reminds me of the fabricated letter by the "old man (HPM)" in the December 1915 issue of QST. I have posted it on here about a year ago, but, here it is again. Enjoy - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ne1s@...
Sent: Thursday, January 05, 2012 2:34 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Eby Binding Posts

> I will also have a word with all my variable capacitors
> that are passing electrons in free air space.

Don, if your capacitors are passing electrons in free air space they must be arcing over. That is not the way a capacitor works (unless the dielectric is breaking down).

I'm sorry, I meant no insult in my last post, but you appear to have taken it that way. You are free to disagree, but (IMHO) you would be wrong to do so.

73,
-Larry/NE1S

5189. RE: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 20:13:22 UTC
From: Mike Feher
Topic: 5164 Message: 5189

I believe the answer is relatively simple, and in my opinion, has to do with an erroneous assumption in the letter. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ne1s@...
Sent: Thursday, January 05, 2012 2:59 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Eby Binding Posts

> This reminds me of the fabricated letter by the "old man (HPM)" in the
> December 1915 issue of QST. I have posted it on here about a year ago,
> but,
> here it is again. Enjoy - Mike
>

That's pretty good, Mike! I'd attempt to answer it, but I'd have to spend too much time figuring out what the questions were, first ;-)

73,
-Larry/NE1S

5190. RE: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 20:38:34 UTC
From: ne1s@securespeed.us
Topic: 5164 Message: 5190

> I believe the answer is relatively simple, and in my opinion, has to do
> with
> an erroneous assumption in the letter. 73 - Mike
>

Yes, I get that - it is the plates of the capacitor that hold the charge, not the dielectric. Otherwise, you could not make a capacitor with vacuum for the dielectric, which, of course, you can.

But, I saw several "?" in the letter, but because of the "language barrier," I was unsure of what each specific question was really asking.

73,
-Larry/NE1S

5191. Re: [AWA Group] Eby Binding Posts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 22:22:25 UTC
From: Roger Kuchera
Topic: 5164 Message: 5191

Make that "ionized" air.

Roger.

--- On Thu, 1/5/12, ne1s@... <ne1s@...> wrote:

> From: ne1s@... <ne1s@securespeed.us>
> Subject: Re: [AWA Group] Eby Binding Posts
> To: AWAGroup@yahoogroups.com
> Date: Thursday, January 5, 2012, 2:34 PM
> > I will also have a word
> with all my variable capacitors
> > that are passing electrons in free air space.
>
> Don, if your capacitors are passing electrons in free air
> space they must
> be arcing over. That is not the way a capacitor works
> (unless the
> dielectric is breaking down).
>
> I'm sorry, I meant no insult in my last post, but you
> appear to have taken
> it that way. You are free to disagree, but (IMHO) you would
> be wrong to do
> so.
>
> 73,
> -Larry/NE1S
>
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   AWAGroup-fullfeatured@yahoogroups.com
>
>
>

5192. Mica caps

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 22:26:23 UTC
From: Roger Kuchera
Topic: 5192 Message: 5192

Sorry about the APB, please QSP to N2OUV:

Hello Jon,
The one pix shows the yellow-brown type of Mica, which is usually indictive of WW2 surplus. They are a perfectly good cap and can easily
be found in 2500 to 5000 volt ratings. The test and working voltage
were generally hot-stamped in the Phenolic shell.

Electrically they are excellent but are not 20s vintage. It depends on
if your a purist. I have a cigar box of the Type A Sangamo and some Micamold and Dubileer. I don't know the voltage rating but I won't
trust them over 1KV. I would guess the thicker the casing, the
higher the voltage rating. If I can help with value, let me know.

CUL, Roger/K1TG

5193. For ur entertainment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-05 23:18:59 UTC
From: Louis Vermond
Topic: 5193 Message: 5193

http://www.wqad.com/news/wqad-illinois-national-guard-milan-morse-code-secret-message-12162011,0,2308380.story

5194. Re: [AWA Group] Mica caps

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-06 12:17:50 UTC
From: N1BUG
Topic: 5192 Message: 5194

> I have a cigar box of the Type A
> Sangamo and some Micamold and Dubileer. I don't know the voltage
> rating but I won't trust them over 1KV. I would guess the thicker
> the casing, the higher the voltage rating.

Most of mine do not have voltage marked. I am assuming they are the
1000V type.

I have one marked 2500V. It is the same size as all the unmarked ones.

I have a few marked 5000V. They are a little thicker (about 1/8" to
5/32") than the others.

73,
Paul N1BUG

5195. Larry was right ;-)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-06 22:04:49 UTC
From: N1BUG
Topic: 5195 Message: 5195

The TNT now has coil sets for 80, 40, 30, and 20 meters. Larry was right about it going to pot once I wound a nice pretty grid coil for 20m. The signal still sounds about the same, but the plate current dip is too low with 9 turns, too high with 8. Yes, I COULD try 8 and a half I suppose.

It's a bit squirrelly on 40m. The note has quite a bit more growl. I think there is a series resonance in the RF choke near the band. If I tune it up at 7.4-7.7 MHz the power supply buzzes like crazy! Still only drawing 40 mA from a supply that can do 250 without breaking a sweat so RF is the only cause I can think of. Not that I understand how RF getting in makes a supply buzz. It sounds like an overloaded transformer, audible buzzing. Also the 40m grid coil did not behave as expected. Right at 60 turns per the article is dead on for 80m. 9 turns is as close as one can get for 20m. So I was expecting 25 turns for 40m but it insists on 22.

160m coils to follow at some point.

I tested a grid coil wound on the phenolic tube I'm using on some bands vs. the bakelite. Absolutely no difference. Both resonated at the same spot. The brown phenolic looks "wrong" but it's OK. The 80 and 160m coils will be period correct and those are the bands it is most likely to be used on.

I can't help wondering if the rig could be pushed above 20 meters and what would it sound like? I'm trying to resist the urge to try it...

73,
Paul N1BUG

5196. Re: [AWA Group] Larry was right ;-)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-06 23:52:06 UTC
From: ve7sl@shaw.ca
Topic: 5195 Message: 5196

> I can't help wondering if the rig could be pushed above 20 meters and what
> would it sound like?

Paul - I'll listen for you on 10m CW...and 9.5m...and 9m ;-) Could be fun!

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5197. TZ-20 Operating Conditions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-07 15:35:21 UTC
From: Niel - W0VLZ
Topic: 5197 Message: 5197

I've gotten my Push-Pull TZ-20 RF amp up and running with my three tube 1934 transmitter but its not working like I expected.

I'm running 500V on the push-pull plates with the recommended 2K bias resistor. Key down I'm seeing grid current (total for the two tubes) of about 40mA and total plate current of 40-50mA. Looking at the TZ-20 specs from the 1939 Taylor Tube manual I expected to see 50-75 watts input with 35-50 watts output, instead I'm seeing 20-25 watts input and only 8-10 watts output. I do have three TZ-20s. Any two of them behave the same. What an I doing wrong...or is it working as expected given the 500V plate voltage?

My other question is how many turns should be in the output coil link to properly load into a 50 ohm antenna? The total coil between the two plates is 40 turns.

I've posted the information from the Taylor Tube manual at http://w0vlz.blogspot.com/

tnx,
Niel - W0VLZ

5198. RE: [AWA Group] TZ-20 Operating Conditions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-07 17:09:54 UTC
From: Bauman, John
Topic: 5197 Message: 5198

"My other question is how many turns should be in the output coil link to properly load into a 50 ohm antenna? The total coil between the two plates is 40 turns."

Niel,

Not knowing the band you are trying to operate on I can't really say if the output coil and link have the right turns. 40 turns with what appears to be at least a

2" coil would seem more appropriate for 160 mtrs.

For 80 mtrs I would think almost half that many turns would be required, about 20-24 turns total with maybe a 150pf dual variable.

The link coupling only needs to be about 3 or 4 turns. Having a variable link is really nice for finding the "sweet spot". Bud BVL coils and jack bar or EFJ equivalent

really take the guess work out of link coupled outputs. Or links of differing diameter link coils could be tried to effect the coupling.

These suggestions are not based on formulas or tables, just a little intuition gained from a little experience.

Hope this helps,

John

KB7NRN

5199. RE: [AWA Group] TZ-20 Operating Conditions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-07 18:46:55 UTC
From: ne1s@securespeed.us
Topic: 5197 Message: 5199

Neil,

> Not knowing the band you are trying to operate on I can't really say if
> the output coil and link have the right turns. 40 turns with what appears
> to be at least a
>
> 2" coil would seem more appropriate for 160 mtrs.
>
> For 80 mtrs I would think almost half that many turns would be required,
> about 20-24 turns total with maybe a 150pf dual variable.
>
> The link coupling only needs to be about 3 or 4 turns. Having a variable
> link is really nice for finding the "sweet spot". Bud BVL coils and jack
> bar or EFJ equivalent
>
> really take the guess work out of link coupled outputs. Or links of
> differing diameter link coils could be tried to effect the coupling.
>

Great advice above from John; I would also add that with link coupling it is sometimes extremely helpful to SERIES-resonate the link on frequency with a air-variable condenser between the ground-end of the link and ground/coax shield (assuming you are using a coax-fed system). For 80-20M, a three-section broadcast-bad tuning capacitor with all stators in parallel works well. Frame of condenser goes to ground, parallel stators go to the "bottom end" of the link coil, "top" of link coil goes to coax center conductor. The resonant point is fairly broad, but it will help you load much more heavily, in most circumstances, than you can without the series cap. If it loads too heavily just tune off to one side of the resonant point until everything is happy happy joy joy. I usually do this on the higher-capacitance side on resonance, but I don't think it matters. As always, dip the plate last.

73/GL,
-Larry/NE1S

5200. Re: [AWA Group] TZ-20 Operating Conditions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-07 21:26:59 UTC
From: Niel - W0VLZ
Topic: 5197 Message: 5200

John, Larry,

Thanks for your comments. A little bit of additional information...

I'm starting with 80 meters. The TZ-20 page from the Taylor manual recommends only 80mmd in the final tank for operation on 80. I chose a 100mmd x 2 cap for this. It took 40 turns to get it to resonate on 80.

I have a variable between the bottom of the link and ground. While this adds dip and load flexibility I don't know how much. Right now I have a total of 4 turns split between the two halves, so 2 turns per tube in the push-pull configuration. I might cut this to one turn per tube (a total of two turns) and see what happens.

I'm still sitting at about 40% vs 75% efficiency and 500V instead of 750V B+ has a lot bigger impact on max input power then I expected.

See http://w0vlz.blogspot.com/search/label/TZ-20%20RF%20Amp

tnx,
Niel - W0VLZ

--- In AWAGroup@yahoogroups.com, ne1s@... wrote:
>
> Neil,
>
> > Not knowing the band you are trying to operate on I can't really say if
> > the output coil and link have the right turns. 40 turns with what appears
> > to be at least a
> >
> > 2" coil would seem more appropriate for 160 mtrs.
> >
> > For 80 mtrs I would think almost half that many turns would be required,
> > about 20-24 turns total with maybe a 150pf dual variable.
> >
> > The link coupling only needs to be about 3 or 4 turns. Having a variable
> > link is really nice for finding the "sweet spot". Bud BVL coils and jack
> > bar or EFJ equivalent
> >
> > really take the guess work out of link coupled outputs. Or links of
> > differing diameter link coils could be tried to effect the coupling.
> >
>
> Great advice above from John; I would also add that with link coupling it
> is sometimes extremely helpful to SERIES-resonate the link on frequency
> with a air-variable condenser between the ground-end of the link and
> ground/coax shield (assuming you are using a coax-fed system). For 80-20M,
> a three-section broadcast-bad tuning capacitor with all stators in

> parallel works well. Frame of condenser goes to ground, parallel stators
> go to the "bottom end" of the link coil, "top" of link coil goes to coax
> center conductor. The resonant point is fairly broad, but it will help you
> load much more heavily, in most circumstances, than you can without the
> series cap. If it loads too heavily just tune off to one side of the
> resonant point until everything is happy happy joy joy. I usually do this
> on the higher-capacitance side on resonance, but I don't think it matters.
> As always, dip the plate last.
>
> 73/GL,
> -Larry/NE1S
>

5201. Re: [AWA Group] TZ-20 Operating Conditions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-08 20:36:50 UTC
From: ne1s@securespeed.us
Topic: 5197 Message: 5201

Niel, I thought about this some more.

When the plate supply voltage to a triode class C stage is varied, the plate current remains proportional to that voltage. In other words, the class C stage looks just like a load resistor to it's plate supply. (This is why plate modulation of a class C stage "works.") And since the plate voltage and current both change together, their product - the DC input power - follows the square of the voltage. Therefore, if the stage is expected to draw 150mA at 750V*, at 500V it should draw 500Vx (150mA/750V) = 100mA. The DC input power is 50W in this case. Therefore, the 40 mA current you are reading is less than half of what's predicted, so something is rotten in Denmark. All these values are for 2 tubes.

My guess at this point would still be a loading problem, or you have 3 weak tubes.

*from the TZ-20 data sheet on your blog page

73,
-Larry/NE1S

5202. TZ20 plate tank values

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-09 18:41:00 UTC
From: JAMES HANLON
Topic: 5202 Message: 5202

I haven't been following this thread too closely, so I will apologize if I'm restating what has already been said. But here is some information, based on my Editors and Engineers Radio Handbook, 15th edition, pages 261 through 264, about the correct values for the tuning capacitor for the plate tank of a pair of TZ20s in push pull with 500 volts dc from the power supply.

The ratings for a single TZ20 from the ARRL Handbook for CW operation are Vp max of 750 volts, Ip of 85 ma. For AM operation Vp max is also 750 volts, Ip is 70 ma.

We need to calculate the dc load resistance for the amplifier. I'll do it for the phone condition. The CW condition won't be much different, and the resulting values of tuning capacitance will be almost the same. Rdc = (Plate Voltage)/(Plate Current) = 500/(2 x .070) = 3571 ohms. Figure 25 in the Handbook shows that for an Rdc of ~ 3500 ohms, the correct value of plate tank tuning capacitance for the recommended loaded Q of 6 is as follows. I'm reading off a rather small log scale chart, so please excuse some interpolation errors.

For 28 mc, C = 7 pf
For 21 mc, C = 9 pf
For 14 mc, C = 17 pf
For 7 mc, C = 31 pf
For 3.8 mc, C = 53 pf
For 1.9 mc, C = 130 pf

If you are using a center-tapped coil with a single tuning capacitor across the entire coil for your plate tank, these are the values for that capacitor. If you are using a split-stator tuning capacitor with the "center tap" of the capacitor cennected to the B+ feed point or to ground, each half of that capacitor should have twice the value of the capacitance read off the chart.

So for example, if you are designing your tank circuit for 75 meters and you are using a split-stator capacitor, each half of the capacitor should be set for 2 x 53 = 106 pf when tuning to 3.8 mc. Since you would probably want to tune the final up as low as 3.5 mc, you should choose a capacitor that had somewhat greater maximum capacitance, perhaps 125 or 140 pf per section.

The inductance of the plate tank coil should be adjusted so that the tank resonates at the frequency designated with the value of tuning capacitance shown.

Loading is accomplished by a link which is situated at the center of the plate tank coil. As others have said, variable loading is most easily accomplished by using a "swinging link" which can be moved into a slot in the center of the plate tank coil between two halves of the coil. A little cut-and-try will let you find the required number of turns for the link to achieve the desired loading. For 75 meters I would suggest starting with six or eight turns on a link.

The suggestion about putting a variable capacitor in series with the link to adjust loading is also a good one. In my experience with a Globe King 275, this arrangement will reflect

some reactance into the final tank when the series capacitor is adjusted, so you will have to "re-dip" the final plate capacitor when you change the series link capacitor.

If you build your plate tank as suggested, you should have no trouble loading your push pull TZ20 amplifier for full, 140 ma plate current at a plate voltage of 500.

I'd be happy to scan in the pages from my Handbook and send them to anyone who wants to know how to design a proper amplifier tank circuit. The book covers single ended and push pull amplifiers with parallel-tuned tank circuits and single ended amplifiers with L and Pi match tank circuits.

Jim, W8KGI

5203. Q

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-10 14:11:19 UTC
From: Louis Vermond
Topic: 5203 Message: 5203

http://groups.yahoo.com/group/regenrx/files/K3NHI/Some%20Experiments/

5204. POW radio update

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-10 21:37:01 UTC
From: Don
Topic: 5204 Message: 5204

The POW regen is now working. I installed a 56 tube yesterday and worked on it this morning. using y other 56 regen as a guide I found a 56 tube in thatcircuit needs 59 volts on the plate for ideal regen at 10.005 mcs. above it becomes an osc, elow it goes to sleep. I checked the POW hand made radio at 60+ volts. it was definatley oscilating and easy to find with my portable radio.nearby. I could swoop through the radios signal easliy turning the handmade cap. so I measured the plate exactly and removed enuf of the half dead 9 volts to drop to 54 volts. (close as I could get.) I powered up the filmanet again with the two flashlihght batteries By the time I got the phones on I could hear a whistle or squeal as I moved my hand near the tuning knob (bird perch) I tuned about a 1/6 turn and there was a station broadcasting loud and clear. Then it faded as my flashlight batteries failed to keep the filaments glowing however it worked. The tuning cap it a bit sloppy and doesnt want to stay put but other than that it works. No solder(the siocket for this newer tube is just wire wrapped) or bought parts. Just an old tube and some crafty stuff. Now to improve its bad point without messing it up will be the trick. Next big test is to see if the birds will sit on it outside.
It was a fun project. Oh yeah as you may have noticed from my experimenting, it also transmits
Don VE3LYX

5205. POW radio update

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-11 04:46:39 UTC
From: Don
Topic: 5204 Message: 5205

I recharged the flashlight batteries and fired it up.I made a recording with my video/ still camera and posted it on Youtube under "POW style radio". My id there is Don225slant6. It is right after the flame powered tube deal. (which no-one looked at.)The radio works pretty good. I am pleasantly surprised. I just spent about 10 minutes SWL ing with it. Anyway I first mentioned the idea here a year ago. I believe it was Lou who said back then "This I gotta see." Now's your chance. I often wondered if regen could be controlled by controlling only B supply voltage. It can. IS this radio perfect? Certainly not. Does it work . You bet! And I think if you were in the situation where yu needed it, it would be just fine.Any minor gliches would seem insignificant. It is a Hartley regen
Don Ve3LYX

5206. Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-11 20:51:00 UTC
From: Eddy Swynar
Topic: 5206 Message: 5206

Hi Guys,

Just thought I'd share the news with you all that I am in the process of re-arranging my Studio B here to accommodate the return to a prime operating position of my 1962-vintage E.F. Johnson Viking II "CC" transmitter, alongside either my Heathkit SB-301, Drake R-4, or my homebrewed 1929-style 12-tube superheterodyne receiver...

As I was telling a friend of mine just a few minutes ago, I had forgotten just how very heavy that 80-pounfd V-II really is! But it's working FB into a dummy load right now, & all I have to do still is re-format some peripherals here so that my D-104 microphone might match the connector on the front of the thing.

That rascal sounds sweet even on CW! What a (HUGE!) beauty.

The plan here is to utilize the rig up around 7290 - 7295-KHz for casual rag chews in the daylight hours...

~73~ de Eddy VE3CUI - VE3XZ

5207. Re: [AWA Group] Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-11 21:12:38 UTC
From: Louis Vermond
Topic: 5206 Message: 5207

The plan here is to utilize the rig up around 7290 - 7295-KHz for casual rag chews in the daylight hours...

If anyone spots a DX-35 on eBay pse let me know.... Lou

5208. Re: [AWA Group] POW radio update

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-11 21:15:35 UTC
From: Louis Vermond
Topic: 5204 Message: 5208

OK, I went. Now, let us know when you've rx a sig. Will you key it?

73, Lou

----- Original Message -----
From: Don
To: AWAGroup@yahoogroups.com
Sent: 2012-01-10 11:46 PM
Subject: [AWA Group] POW radio update

I recharged the flashlight batteries and fired it up.I made a recording with my video/ still camera and posted it on Youtube under "POW style radio". My id there is Don225slant6. It is right after the flame powered tube deal. (which no-one looked at.)The radio works pretty good. I am pleasantly surprised. I just spent about 10 minutes SWL ing with it. Anyway I first mentioned the idea here a year ago. I believe it was Lou who said back then "This I gotta see." Now's your chance. I often wondered if regen could be controlled by controlling only B supply voltage. It can. IS this radio perfect? Certainly not. Does it work . You bet! And I think if you were in the situation where yu needed it, it would be just fine.Any minor gliches would seem insignificant. It is a Hartley regen
Don Ve3LYX

5209. Re: [AWA Group] Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-11 22:21:58 UTC
From: Jim Robson
Topic: 5206 Message: 5209

Lou, I would be honoured to lend you a re-capped DX-40, with all period accessories....

By the way, got into Spain Tuesday night with the gratefully borrowed Kenwood TS520SE, showing 50 whiskey, and a tuned end-fed. Happened to be the first guy in the very quick pile-up. Achieved a, "you are 5 by 5. Bye-bye". Hi hi. Added to a contact in the Cayman Islands last week. Much QRM last night...

XYL has invited me to have my mail addressed to the shack.... Stopped bringing out my supper just before Christmas.

73,
VA3AWA/VE3BHK, Jim.

On 11/01/12 4:12 PM, Louis Vermond wrote:
>
> The plan here is to utilize the rig up around 7290 - 7295-KHz for
> casual rag chews in the daylight hours...
>
> If anyone spots a DX-35 on eBay pse let me know.... Lou
>

5210. Re: [AWA Group] Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-11 21:39:28 UTC
From: Eddy Swynar
Topic: 5206 Message: 5210

Hi Lou,

Gasp...! Pant...! Omigish...!!!

Are you---GULP!---seriously considering getting on AM, too...?! : >)

~73!~ de Eddy VE3CUI - VE3XZ

****
****

On 2012-01-11, at 4:12 PM, Louis Vermond wrote:

>
> The plan here is to utilize the rig up around 7290 - 7295-KHz for casual rag chews in the daylight hours...
>
> If anyone spots a DX-35 on eBay pse let me know.... Lou
>
>

5211. Re: [AWA Group] Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 02:55:11 UTC
From: Louis Vermond
Topic: 5206 Message: 5211

STOP!!! I've been flooded with '35 leads.

AMers are a serious lot. I forgot how serious. I apologise for my attempt at AM frivolity. Please do not ostracize me. I do still have the Heath Tower I built when 12.

73, Lou

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-01-11 4:39 PM
Subject: Re: [AWA Group] Another AM'er Returns...

Hi Lou,

Gasp...! Pant...! Omigish...!!!

Are you---GULP!---seriously considering getting on AM, too...?! : >)

~73!~ de Eddy VE3CUI - VE3XZ

****

On 2012-01-11, at 4:12 PM, Louis Vermond wrote:

The plan here is to utilize the rig up around 7290 - 7295-KHz for casual rag chews in the daylight hours...

If anyone spots a DX-35 on eBay pse let me know.... Lou

5212. Re: POW radio update

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 04:04:56 UTC
From: Don Dulmage
Topic: 5204 Message: 5212
Attachments: 1 described; binary payloads are missing from this source WARC

Here is the POW style radio with its clothes on.
Don VE3LYX

5213. Re: POW radio update

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 13:48:31 UTC
From: Don Dulmage
Topic: 5204 Message: 5213
Attachments: 1 described; binary payloads are missing from this source WARC

????? Sorry Lou I must have missed something in what you said or you missed something listening. It is recving a signal in the video.
That piano playing is from a shortwave broadcaster. Maybe you couldnt hear it? It works just fine. I spent a fair amount of time listening tues nite. Like any single tube regen which has no extra audio amp it is volume challenged but still works well. Last nite I finished dressing it . Here it is in its new robes.
I will be making a wooden key for it today. We will also test it to see if birds will at least roost on it.
No I havent keyed it but I have had it on transmit. Since it has no regen control I powered it up first at measured 94 volts and searched for it on my handheld Grundig crank radio. I found it easily and swung the tuning cap on the POW radio to be sure. Whoop whoop was the result. I disconnected it and kept removing half dead 9 volts till i got to the point the osc or transmittted signal just vanished. At that point the squeal started when i moved my hand near and with a minor chnge in dial setting a station was heard. After recharging the flashlight batteries for the filaments I recorded this with no trouble camera stuck in between my ear and the earpiece. I later spent abut 20 minutes to a 1/2 hour SWLing . I could also tune in a digtal or high speed CW signal but so far no ham cw. It is right arond 30 m band as is Whather it can get into the band or not I dont know yet but will soon find out. I am just cranked that it works.
Don VE3LYX

5214. Re: POW radio update

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 14:43:35 UTC
From: Don Dulmage
Topic: 5204 Message: 5214
Attachments: 2 described; binary payloads are missing from this source WARC

Success. He even started in the hole. Took less than a minute for them to start sitting on it.
Don VE3LYX

5215. RE: [AWA Group] Re: POW radio update

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 14:53:53 UTC
From: Mike Feher
Topic: 5204 Message: 5215

Guess the radio is for the birds, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Don Dulmage
Sent: Thursday, January 12, 2012 9:44 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: POW radio update

Success. He even started in the hole. Took less than a minute for them to start sitting on it.

Don VE3LYX

5216. Viking II "CC" Is Alive!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 15:50:24 UTC
From: Eddy Swynar
Topic: 5216 Message: 5216
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys,

If you're able to open it, have a listen to the recording (below, attached) which KB2OUA in Pennsylvania made of my Viking II this morning, whilst in an AM QSO with him & Jerry (W1ZB)...

I speak far too fast for my own good in the mode---I guess I'm used to the more frenetic pace on 160-meters CW, & I'm afraid that it shows...

Anyway, this was the first time that that ol' BA rig has made any noise on the air for well nigh 8 years...still sounds pretty good, IMHO, for the singular exception of the guy at the mic(!)...

~73~ de Eddy VE3CUI - VE3XZ

>
>

5217. Re: [AWA Group] Viking II "CC" Is Alive!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 17:24:57 UTC
From: Larry Szendrei
Topic: 5216 Message: 5217

On 1/12/2012 10:50 AM, Eddy Swynar wrote:
> */Hi Guys,/*
>
> If you're able to open it, have a listen to the recording (below,
> attached) which KB2OUA in Pennsylvania made of my Viking II this
> morning, whilst in an AM QSO with him & Jerry (W1ZB)...
>
> I speak far too fast for my own good in the mode---I guess I'm used to
> the more frenetic pace on 160-meters CW, & I'm afraid that it shows...
>
> Anyway, this was the first time that that ol' BA rig has made any
> noise on the air for well nigh 8 years...still sounds pretty good,
> IMHO, for the singular exception of the guy at the mic(!)...
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
> */
> /*

FB, Eddy! I almost got on 40M looking for you, but was busy with some other stuff. Post when you are going to be on, and if I'm available I'll get on and see if we can hook up on AM again, after a very long hiatus.

Jerry W1ZB, as I'm sure you are aware, is a fellow AWA member and active in the AWA CW contests; I'm sure you've worked him there as well. Also look for Mike WU2D who gets on AM with and ART-13 and various command sets and homebrew rigs.

You should check into the AWA Sunday PM AM net on 383& KHz at 4:00PM Sundays. I've been absent for several weeks because Christmas, New Years Day, and my twin sons' birthday have all fallen on Sunday this season, so we've been celebrating those days across town at my Mom's. However I plan on resuming the habit this Sunday.

73,
-Larry/NE1S

5218. Re: [AWA Group] Viking II "CC" Is Alive!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 17:28:04 UTC
From: Louis Vermond
Topic: 5216 Message: 5218

I speak far too fast for my own good in the mode--- But at least no one will fall asleep! Lordy!, those AM monologues.... zzzZzzZzzz

5219. Re: [AWA Group] Viking II "CC" Is Alive!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 17:38:31 UTC
From: STEVE MCDONALD
Topic: 5216 Message: 5219
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

5220. POW radio LIVES!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 17:42:31 UTC
From: Louis Vermond
Topic: 5220 Message: 5220

????? Sorry Lou I must have missed something in what you said or you missed something listening. It is recving a signal in the video. That piano playing is from a shortwave broadcaster. Maybe you couldnt hear it? It works just fine.

OK Don, heard it this time. I turned the monitor's volume control waaaaay up. Tks, Lou

5221. Re: [AWA Group] Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 18:04:51 UTC
From: Louis Vermond
Topic: 5206 Message: 5221

Hello Dusty,

Tks, but was not serious abt getting on AM. I do not have that much to talk about....

Be careful. don't end your marriage over ham radio. It happens... Also, don't forget ur CW!

73, Lou

----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: 2012-01-11 5:21 PM
Subject: Re: [AWA Group] Another AM'er Returns...

Lou, I would be honoured to lend you a re-capped DX-40, with all period accessories....

By the way, got into Spain Tuesday night with the gratefully borrowed Kenwood TS520SE, showing 50 whiskey, and a tuned end-fed. Happened to be the first guy in the very quick pile-up. Achieved a, "you are 5 by 5. Bye-bye". Hi hi. Added to a contact in the Cayman Islands last week. Much QRM last night...

XYL has invited me to have my mail addressed to the shack.... Stopped bringing out my supper just before Christmas.

73,
VA3AWA/VE3BHK, Jim.

On 11/01/12 4:12 PM, Louis Vermond wrote:

The plan here is to utilize the rig up around 7290 - 7295-KHz for casual rag chews in the daylight hours...

If anyone spots a DX-35 on eBay pse let me know.... Lou

5222. RE: [AWA Group] Viking II "CC" Is Alive!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 18:35:48 UTC
From: Bauman, John
Topic: 5216 Message: 5222

Eddy,
Like Steve said, you have a great radio voice! I didn't think your speech was to fast either.
As I read once, it's better to leave them wanting more than less.
I guess AM QSOs sound the same whether you're on the east coast or west coast. You could change those calls in the recording to 7's and 6's and it would sound just like the guys out here.

John
KB7NRN

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Thursday, January 12, 2012 7:50 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Viking II "CC" Is Alive!

Hi Guys,

If you're able to open it, have a listen to the recording (below, attached) which KB2OUA in Pennsylvania made of my Viking II this morning, whilst in an AM QSO with him & Jerry (W1ZB)...

I speak far too fast for my own good in the mode---I guess I'm used to the more frenetic pace on 160-meters CW, & I'm afraid that it shows...

Anyway, this was the first time that that ol' BA rig has made any noise on the air for well nigh 8 years...still sounds pretty good, IMHO, for the singular exception of the guy at the mic(!)...

~73~ de Eddy VE3CUI - VE3XZ

5223. RE: [AWA Group] Viking II "CC" Is Alive!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 18:42:02 UTC
From: Mike Feher
Topic: 5216 Message: 5223

Do they have an "H Yell R" out there? - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Bauman, John
Sent: Thursday, January 12, 2012 1:36 PM
To: 'AWAGroup@yahoogroups.com'
Subject: RE: [AWA Group] Viking II "CC" Is Alive!

Eddy,

Like Steve said, you have a great radio voice! I didn't think your speech
was to fast either.
As I read once, it's better to leave them wanting more than less.

I guess AM QSOs sound the same whether you're on the east coast or west
coast. You
could change those calls in the recording to 7's and 6's and it would sound
just like the guys out here.

John

KB7NRN

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Eddy Swynar
Sent: Thursday, January 12, 2012 7:50 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Viking II "CC" Is Alive!

Hi Guys,

If you're able to open it, have a listen to the recording (below, attached)
which KB2OUA in Pennsylvania made of my Viking II this morning, whilst in an
AM QSO with him & Jerry (W1ZB)...

I speak far too fast for my own good in the mode---I guess I'm used to the
more frenetic pace on 160-meters CW, & I'm afraid that it shows...

Anyway, this was the first time that that ol' BA rig has made any noise on
the air for well nigh 8 years...still sounds pretty good, IMHO, for the
singular exception of the guy at the mic(!)...

~73~ de Eddy VE3CUI - VE3XZ

5224. Re: [AWA Group] Viking II "CC" Is Alive!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 18:47:08 UTC
From: Eddy Swynar
Topic: 5216 Message: 5224

On 2012-01-12, at 1:42 PM, Mike Feher wrote:

>
> Do they have an “H Yell R” out there? – 73 - Mik
>
>

Hi Mike,

Burrrrrrp...! Flooooop...! Thweet...! Blaaaaap...!

Whaddya say again...? : >)

~73~ de Eddy VE3CUI - VE3XZ

5225. Linc Cundal frequencies?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 19:08:32 UTC
From: JAMES HANLON
Topic: 5225 Message: 5225

Are there specific frequencies or ranges recommended for the upcoming Linc Cundal CW Contest? I know the bands are 160, 80, and 40.

I'm getting things tuned up and tweaked.

Jim, W8KGI

5226. Re: POW radio update. Wooden Key

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 19:20:52 UTC
From: Don Dulmage
Topic: 5226 Message: 5226
Attachments: 1 described; binary payloads are missing from this source WARC

three machine screws, 4 nuts, 10 inches of wire, a thumbtack , four pieces of wood and some glue and about 45 minutes work. . Best key I have ever used.bar none.
(BTW I am using the black little transceiver on 10040 every chance I get this week. (with this key) should anyone be on 10mcs.) I built it for the POW rig and it is simply a matter of inserting it in the neg B feed from the batteries and upping the voltage to the 90s .
I didnt expect a wooden spring to be so nice to use. A totally different response or feel than a metal sprung key. SMOOOOOOOOOOOOTH. Also being non-conductive on a single tube osc all the metal in circuit bothers the rig some. This does not.
Don VE3LYX

5227. Re: Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 00:28:47 UTC
From: Don Dulmage
Topic: 5206 Message: 5227

I good on AM as well .I have almost nine HB watts out. 40M is still overun with broadcasters from the east even on the good freqs but 80 is not bad. 3705 seems not a bad spot.
Some VEs run Sunday afternoon at 7120 on 40M. Seem like a real decent group.
Don VE3LYX

5228. More TNT foolishness

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 01:23:16 UTC
From: N1BUG
Topic: 5228 Message: 5228

Being the overly curious sort, I just had to know if the TNT could be made to work on any band higher than 14 Mc. The answer seems to be no, at least for this particular rig. It is easy enough to make coils that resonate on each of the bands up to 28 Mc. However, I was not able to produce a coherent signal on any of the four higher bands (18, 21, 24, 28 Mc.) The rig goes spurious with multiple signals spaced some distance and spread over some 2 to 3 Mc.! None of them has anything which one would want to call a note. It's just "hash". Now I know! My curiosity in the matter is satisfied. As previously noted, it works well enough at 14 Mc. and below.

73,
Paul N1BUG

5229. Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-12 12:30:48 UTC
From: N3IBX
Topic: 5206 Message: 5229

Hello Eddie VE3CUI and Lou VE3AWA,
I'll be looking for you guys on 4)m when you get everything setup. Ditto on 75M 160M if you get a chance to operate there.

I very recently hooked up my DX-100 #3 that's been dormant for a few years, and mated it to a Canadian Marconi CSR5A receiver;
and when time permits hope to be QRV on 1.885 on 160M as well as the usual spots on 75M and 40M for some plate modulated AM fun. I definitely hope to work both of you guys in the very near future.

Lou Vermond, VE3AWA: I'll keep my eye out for a DX-35 for you and will pass along any information I find. The very best of luck in securing the acquisition of same. What receiver do you plan on mating it to? Just curious.

Kinda offtopic, but of possible interest to Lou and Eddie, a package just arrived from Jim Jarvis, WD4JJ of Bristol,Tenn. He was the original owner and builder of the "Conar" twins, the model 400 transmitter and model 500 receiver. I've wanted the pair for a very long time and got lucky to have bene able to find something available. They're both in superb (as new) condition and hope to have some 40M and 80M CW skeds with them once I go through them and replace any old electrolytic and paper caps. Even though they're one of, if not the newest hollow state pieces in my collection, the caps are fourty-something years old and will need to be replaced if I want them to have any integrity.

I ramped up the model 500 receiver on a variac just to see what I have, and it came to life after being dormant for many years. All I can say is it rates among the very lowest performance superhets I've ever had to pleasure to have known. I mean the Heathkit AR-3 and Hallicrafters S-41 have better selectivity and image rejection. That'll all add to the fun of operating things, heh?

The former owner told me that while he had the transmitter working in fine order after he built it, he NEVER had a contact with it. I could see if the output was 1 watt or under, but the Conar model 400 transmitter is rated at 25W input; which will probably put out something between 10W and 15W output from it's single sweep tube final. We shall see what happens when time permits.

Very best regards and Mod-U-Later. Hope to hear you both on the bands.

Joe Cro N3IBX

5230. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 12:44:42 UTC
From: Louis Vermond
Topic: 130 Message: 5230

QST Ham Radio Magazines Entire 50th Anniversary Edition 1964 All Issue Complete
http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=190627313334&ssPageName=ADME:B:SS:US:1123

5231. Re: [AWA Group] Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 13:08:53 UTC
From: Eddy Swynar
Topic: 5206 Message: 5231

Hi Joe,

Well, as of yesterday morning I have my Viking II / Heathkit SB-301 station all set-up & operational in my Studio B here---even made a coupla AM QSOs in the top part of the band, & was gratified to receive good reports both in the matter of my signal strength as well as the audio quality...

FB on those Conar twins: I don't know if you get ELECTRIC RADIO magazine or not, Joe, but I seem to recall a write-up on those rigs in an issue back some 10, or so years ago. I found it most interesting, because "...back in the day" I considered the Twins to be a FB entry station for novices like yours truly. As I recall,, though, the Conar transmitter is a single-tube rock-bound affair, & so it wouldn't lend itself very nicely to conversion to being voice modulated...

...Not unless you want a combination "AM - FM" transmitter, that is! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-01-12, at 7:30 AM, N3IBX wrote:

>
> Hello Eddie VE3CUI and Lou VE3AWA,
> I'll be looking for you guys on 4)m when you get everything setup. Ditto on 75M 160M if you get a chance to operate there.
>
> I very recently hooked up my DX-100 #3 that's been dormant for a few years, and mated it to a Canadian Marconi CSR5A receiver;
> and when time permits hope to be QRV on 1.885 on 160M as well as the usual spots on 75M and 40M for some plate modulated AM fun. I definitely hope to work both of you guys in the very near future.
>
> Lou Vermond, VE3AWA: I'll keep my eye out for a DX-35 for you and will pass along any information I find. The very best of luck in securing the acquisition of same. What receiver do you plan on mating it to? Just curious.
>
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>
> I ramped up the model 500 receiver on a variac just to see what I have, and it came to

life after being dormant for many years. All I can say is it rates among the very lowest performance superhets I’ve ever had to pleasure to have known. I mean the Heathkit AR-3 and Hallicrafters S-41 have better selectivity and image rejection. That’ll all add to the fun of operating things, heh?
>
> The former owner told me that while he had the transmitter working in fine order after he built it, he NEVER had a contact with it. I could see if the output was 1 watt or under, but the Conar model 400 transmitter is rated at 25W input; which will probably put out something between 10W and 15W output from it’s single sweep tube final. We shall see what happens when time permits.
>
> Very best regards and Mod-U-Later. Hope to hear you both on the bands.
>
> Joe Cro N3IBX
>
>

5232. Re: POW radio update

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 14:51:16 UTC
From: Don Dulmage
Topic: 5204 Message: 5232
Attachments: 1 described; binary payloads are missing from this source WARC

;<)
could be.
I think I ruined myself. I will probably never buy another variable cap or grid leak cap or resistor. Too easy to make. It was an awful lot of fun to build and the thrill of hearing it work has me cranked still 3 days later. Last night I had it on TX. It doesnt take long to kill batteries in that mode! It is in 40M at full mesh on the cap plates. Almost the exact bottom of the band. I take no credit for that. Pure luck. It is a lot of fun to run but you dont want any background noise! To be honest I had my doubts too but pressed on anyway. Next one will be with a coaxial variable cap. (one tin can inside another , moveable) Why with a freezer bag and suck on a straw it could be a vacuum variable!!!!;>)
This hartley based circuit is one of the easiest regen circuits I have ever used. I now have three of them going here. Always bang on freq when warmed up. They radiate a lot but with a 30% or more increase in voltage transmit well too. Very versatile. They also work well as a single triode regen . Much better than my Armstrong tickler one does.
This one is coupled with a gimmick cap to the antenna. The little black transceiver (still working tx on 10.040) is link coulped.
BTW I have nicknamed the bird Louis and entitled the picture. "I can't hear anything!"
Don VE3LYX

5233. Handmade wooden keys

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 17:33:36 UTC
From: Don
Topic: 5233 Message: 5233

It was something Lou said that inspired me. He asked if I had keyed the POW radio. I didnt think it would be honest to use a store-bought key on a POW radio so I quickly made one up from some scrap wood. I make fiddles for a hobby as well so I new about wood's flexibilty but I was totally unprepared for the feel. The wood spring is progressive. Does not require an overcome shove to put it in the spring range which metal springs often do. I used to test valve springs on my race engines on a special fixture and seat pressure or lift off was always a wee bit more than it was when it lifted off. It is minor but for a club fisted keyer like me I often find I am too light or too heavy. Also the wooden key does not require and grip . It is in your fist, always, without fail. Keying pressure on the first one is light but enuf so you dont get a missed stroke. I found it very nice to use and have used it ever since on my little black transceiver. It was kind of a quickly made somewhat cobbled deal so I wonered, "What if I got some of my real good wood and made a exotic one." I did a layout and test modeling. I put some fotos in an albumn on this site called Handmade Keys. The base is made from the finest Canadian Curly Maple.I had bought a board ($75)from an exotic wood supplier in Colbourne but it was too hard a grade of wood for a fiddle. The spacers and knob are from Canadian Hawthorne trees , several of which I have here. I sometimes use it in my fiddles (fingerboards, bridges etc) because it is very very hard and tough. It finishes a bright orange. The hardware will be brass as shown. It is available from Home Hardware, Canada, Lowes (in the science project drawers in hardware dept and recently also Home Depot. The knurled knobs match some I have here from the 20s and 30s. Several sizes are available. The contact wiring and contacts will of course be hidden. It will take a while to make them (I am making two. One with a curly maple lever and one with a laminated lever.)It takes a year to make a fiddle. I hope these will be ready next month. I may carve the knobs or machine them in my shop. Finsh will be like my fiddles, hand rubbed. Thanks Lou. I wouldnt have gotten in to this save for your question. How long will they last? Longer then any of us that for sure. As long as a good violin I would think. 200 to 300 years.
Don VE3LYX

5234. TNT Story

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 17:56:48 UTC
From: Louis Vermond
Topic: 5234 Message: 5234
Attachments: 1 described; binary payloads are missing from this source WARC

http://mbzponton.org/n2awa/wb2qmy.html

WB2QMY / 1929 station / December 2010
Click on the photo above to get a closer look at the old breadboard transmitter in the lower left side of the picture. I built this rig in 1995 with help from my friend Bruce Kelley, W2ICE (SK). From my very earliest days in the radio hobby I've been intrigued with what the early wireless pioneers were able to accomplish with rudimentary equipment. One of my favorite books that introduced me to ham radio was Here's Your Hobby...Amateur Radio. It described early experimenters going to their attics and garages each night to use home built spark coil transmitters to contact other like-minded experimenters. With headphones clamped to their heads, they would try for ever-farther distances. I wasn't even a licensed ham yet, but these stories intrigued me greatly. I wondered how close I could come (legally) to re-creating these types of transmissions someday.

Over the years I looked at many old circuits, but it always seemed that the challenge of obtaining the parts and getting such a rig on the air would be insurmountable. Being a student of radio history, I ordered a reprint copy of the 1930 book, How to Become a Radio Amateur from Lindsay Publications in 1994. In this book, I saw complete plans for building a starter transmitter and receiver as it would have been done at the time. I mentioned my dream to build an old transmitter to Bruce Kelley, Curator of the Antique Wireless Association. This resulted in an open invitation to stop by his famed "barn" and get all of the parts I needed. The barn was the former the site of the AWA museum before it was moved to the Academy building in Bloomfield, NY, and now served as Bruce's personal garage. The second floor was where all of the interesting parts were.

On a snowy Saturday afternoon, I arrived at Bruce's house with my plans in hand. He looked them over and gave his approval for the design. He said he actually remembered the transmitter from his earliest days in the hobby (he was first licensed in 1929) and gave me a box to put the parts in. We then went to the barn, where he found a Cardwell variable capacitor, a silver-plated tank coil, "beehive" insulators, authentic Fahnstock binding clips, "bathtub" capacitors, an '01A tube, and all of the other small parts I would need for the project. With my box loaded with all of the parts, I headed home to get started. I bought the smoothest piece of pine board I could find, varnished it as called for in the 1930 article, and set about the task of mounting all of the various parts on the board just as it showed in the pictures.

In a few weeks I was done with the project and brought it to show Bruce. He complemented me on a very fine construction job and told me it was time to get it on the air. He gave me some tips for how to link-couple the tank coil to the antenna, and said that my "battery eliminator" kit for 1920s radios would work fine for the transmitter. (The eliminator was a power supply kit I built years earlier for a 3-dial broadcast set. The kit came from Antique Electronic Supply of Arizona.)

I figured the time had arrived to try out this rig! I hooked up the power supply, antenna and an old straight key. My first attempts at contacting someone on 80 meters (3.6 MHz)

were not very successful. I was able to check into the ONTARS net at 3.755 though, and this gave me some encouragement. I tuned back down the band where I had been calling CQ earlier and heard another CQ which was not very strong. Conventional logic would say it's not worth calling a weak station when you are running low power as I was (about 1-Watt output). If they are weak with what is likely 100-Watt transceiver (the average power of most modern ham rigs), what are the chances of them hearing my low power station? Nevertheless, I decided to call this station, KA2PLW, and to my surprise he answered me! His name was Randy, in Trumansburg, NY, which is about 50 miles southeast of me. He explained that he too, was running a breadboard transmitter very similar to mine, and was an AWA member!

Randy and I started a friendship based on our mutual interest in vintage radio and membership in the AWA. I have since contacted many other hams with the rig, and in the 2010 AWA Bruce Kelley Memorial Contest, I managed to work 25 stations with it! The photo above shows me working the contest. As Bruce told me, using an antique rig is like having a Model T classic car; you wouldn't want to use it everyday, but you would enjoy using it occasionally, when conditions are ideal. Likewise, I enjoy breaking out this rig and putting it on the air from time to time. I think of Bruce often, and am thankful for the help he gave me to get this vintage rig on the air. If you hear me on 80 or 40 meters with a fashionably chirpy signal (not too bad), be sure to give me a call!

5235. Hartley Power Supply

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 21:11:39 UTC
From: Terry Hall
Topic: 5235 Message: 5235

Good afternoon all,

I've posted a current photo of my Hartley power supply in the photo section. It puts out a little over 1 watt, and to date I've made only one QSO (though I must say that I have not had it on the air that much). I do hope to be on this Wednesday in the contest.

I want to thank Niel W0VLZ for all the assistance that he has given on this project.

All the best,

Terry
KE5YUM

5236. Re: POW radio update. Wooden Key

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 21:41:54 UTC
From: Don Dulmage
Topic: 5226 Message: 5236
Attachments: 1 described; binary payloads are missing from this source WARC

I guess it is going to be a short month!
Don VE3LYX

5237. Re: [AWA Group] Hartley Power Supply

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 22:35:00 UTC
From: Louis Vermond
Topic: 5235 Message: 5237

Nice supply Terry, but why no tank condenser dial? Zap... Lou

----- Original Message -----
From: Terry Hall
To: AWAGroup@yahoogroups.com
Sent: 2012-01-13 4:11 PM
Subject: [AWA Group] Hartley Power Supply

Good afternoon all,

I've posted a current photo of my Hartley power supply in the photo section. It puts out a little over 1 watt, and to date I've made only one QSO (though I must say that I have not had it on the air that much). I do hope to be on this Wednesday in the contest.

I want to thank Niel W0VLZ for all the assistance that he has given on this project.

All the best,

Terry
KE5YUM

5238. Re: [AWA Group] Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 22:46:54 UTC
From: ne1s@securespeed.us
Topic: 5206 Message: 5238

> As I recall,, though, the Conar transmitter is a
> single-tube rock-bound affair, & so it wouldn't lend itself very nicely to
> conversion to being voice modulated...
>
> ...Not unless you want a combination "AM - FM" transmitter, that is! Hi Hi
>

Actually, I don't think it would be that bad at all - you can't bend that rock much with plate voltage.

Eddy - we need to set up an AM schedule with my 1929 plate-modulated Hartley oscillator on 75/80M - Even that lash-up isn't too bad, FM-wise (but only puts out about 5W to the antenna). I need to find time, but with a little work I could use the same modulator for the TNT which is presently parked on 40M.

73,
-Larry/NE1S

5239. Re: [AWA Group] Handmade wooden keys

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-13 22:54:07 UTC
From: ne1s@securespeed.us
Topic: 5233 Message: 5239

> How long will they
> last? Longer then any of us that for sure.

Got carpenter ants up there? :-)

73,
-Larry/NE1S

5240. Linc Cundal Rig?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-14 06:13:32 UTC
From: Niel - W0VLZ
Topic: 5225 Message: 5240

Jim,

What do you do you plan to be running?

I've gotten my TZ-20 amplifier working the way it should. I'll be driving it with my 47 -> ||46s transmitter to almost 75 watts. Receiver this year will be a NC101X.

73,
Niel - W0VLZ
Tuned Up and Tweaked in MN
http://www.prismnet.com/~nielw/wa5vlz.htm

JAMES HANLON wrote:
>
> Are there specific frequencies or ranges recommended for the upcoming
> Linc Cundal CW Contest? I know the bands are 160, 80, and 40.
>
> I'm getting things tuned up and tweaked.
>
> Jim, W8KGI
>

5241. Re: [AWA Group] Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-14 13:28:13 UTC
From: Eddy Swynar
Topic: 5206 Message: 5241

Hi Larry,

I'm a little afraid of setting-off the home security system here if I venture forth onto 80-meters...

But the V-2 is all set-up for AM action at the top end of the band here---it'd sure be great to hear that rig of yours on phone!

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-01-13, at 5:46 PM, ne1s@... wrote:

> Eddy - we need to set up an AM schedule with my 1929 plate-modulated
> Hartley oscillator on 75/80M - Even that lash-up isn't too bad, FM-wise
> (but only puts out about 5W to the antenna). I need to find time, but with
> a little work I could use the same modulator for the TNT which is
> presently parked on 40M.
>
>

5242. Re: Handmade wooden keys

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-14 23:15:06 UTC
From: Don Dulmage
Topic: 5233 Message: 5242
Attachments: 2 described; binary payloads are missing from this source WARC

Carpenter Aunts? Nope not here. Here is the finished curly maple key hooked to the little 1 tube transceiver. I videoed some of this.(on my Youtube site under "Wooden Radios Need Wooden Keys") If you have worked me before on CW you willl be surprised I think. It is that big an improvement. Also I am holding the camera in one hand a sending with the other which at least for me is no easy deal. I am monitoring it on a nearby recvr. Whatever the case I like both of them.....a lot!
Don VE3LYX

5243. Re: Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-15 13:50:08 UTC
From: Don Dulmage
Topic: 5206 Message: 5243

I am going to give my homebrew Am rig (all 9 watts) a run this afternoon around 3 PM. I am going to try 3705 and 3710. +or- a wee bit. I just finished some minor variations in it (Subbed a different tube in two places.)
Don VE3LYX

5244. 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-15 15:07:11 UTC
From: Eddy Swynar
Topic: 5244 Message: 5244

Hi Guys,

Well, I've been having considerable fun here these past coupla days getting my feet re-wetted in the whys & wherefores of AM phone operations in the upper past of the 40-meter band...haven't done too much of anything like that for years here now.

The big thing I've noticed since my absence is the level of activity on AM now: MUCH higher than when I remembered it! Also every station I've worked is a "new" one on the mode to me. Can't say that I've been hearing many of the stations that I can recall regularly haunting the AM window of some 8 years ago...

Of course, some have joined the ranks of the SKs by now---kinda nice, however, to get the sense that there are probably 2-3 newbies modulating on the band for every one that's seemingly fallen quiet...

Don (VE3LYX), if you're going to fire-up on 80-meters to-day, may I suggest you check into the Antique Wireless Association's AM phone net...? There is a good representation of AM stations from the N/E that participate regularly there, & you're bound to get a fair share of guys who'll hear you. It starts (I believe) at 4:00 PM, on around 3835-KHz...I'm sure I'll stand corrected by more alert readers of this message!

~73~ de Eddy VE3CUI - VE3XZ

5245. UBA QRP FOxhunt + 500 KHz test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-15 16:10:46 UTC
From: Louis Vermond
Topic: 5245 Message: 5245
Attachments: 2 described; binary payloads are missing from this source WARC

Tks Jos. 73, Lou VE3AWA

Dear Foxes,Hunters and QRP minded friends

next Monday January 16th
a good friend of mine Wilfried, ON6EO (& radiotechnician in real life hi)
has to do some "receiving test" on the 500 KHz antenna of the former coast station "Ostend Radio"- OST

With this 1000 ft long & 330 ft high "Inverted L" antenna,

for a while:
the 501 to 504 Khz amateurband will be monitored (receiver: R/S EK890)

(speaking of a very good friend hi!)

1-
radioamateurs are invited to call ON6WJ in this 500 KHz "window"
from 18:30 till 19:30 UTC and from 22:00 till 23:00 UTC

(for the moment) no able to be QRV on 500KHz there:
Cross band QSO, meaning exchange of received Call + RST rprt will be
on 80 meters, QRG: 3575 KHz +/- QRM
A complete log of received Calls + reports will be displayed via the weblog as soon as possible ,

2-
with this "BIG" Antenna ,
(as a once in a lifetime opportunity!)

Somewhere in the 3560 to 3580KHz Forrest:
from 19:30 to 20:30 UTC !
ON6WJ/P will be "QRP Foxstation with QRO Antenna"

all info http://www.on5ex.be/foxhunt/

my apologises if this time, the"Fox QSO's" will be kept a bit shorter hi!

So ,hoping for (at least) some good 80m condx this year!!
Already looking forward to meet You (not all, but a lot haha!)

some pictures of our "pre-test" can be seen at
http://500khz-longwire.blogspot.com/2012/01/former-coaststation-ostend-radio-500.html

Best 73's
Jos

Geen virus gevonden in dit bericht.
Gecontroleerd door AVG - www.avg.com
Versie: 10.0.1416 / Virusdatabase: 2109/4143 - datum van uitgifte: 01/14/12

5246. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-15 18:23:37 UTC
From: Eddy Swynar
Topic: 5244 Message: 5246

Hi Guys,

Another observation, made just a coupla hours ago: AM'ers have seemingly outgrown the traditional AM "window" frequencies of 7290- and 7295-KHz...

I had a QSO on 7280-KHz, & there wasn't a sidebander around to chase us off the frequency, anywhere. In ye olden daze you'd rarely, if EVER go as low as even 7285...but now the numbers of guys using amplitude modulation seem to warrant the movement down band like that.

Interesting! (well, to ME, anyway! Hi).

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-01-15, at 10:07 AM, Eddy Swynar wrote:

> Hi Guys,
>
> Well, I've been having considerable fun here these past coupla days getting my feet re-wetted in the whys & wherefores of AM phone operations in the upper past of the 40-meter band...haven't done too much of anything like that for years here now.
>
> The big thing I've noticed since my absence is the level of activity on AM now: MUCH higher than when I remembered it! Also every station I've worked is a "new" one on the mode to me. Can't say that I've been hearing many of the stations that I can recall regularly haunting the AM window of some 8 years ago...
>
> Of course, some have joined the ranks of the SKs by now---kinda nice, however, to get the sense that there are probably 2-3 newbies modulating on the band for every one that's seemingly fallen quiet...
>
> Don (VE3LYX), if you're going to fire-up on 80-meters to-day, may I suggest you check into the Antique Wireless Association's AM phone net...? There is a good representation of AM stations from the N/E that participate regularly there, & you're bound to get a fair share of guys who'll hear you. It starts (I believe) at 4:00 PM, on around 3835-KHz...I'm sure I'll stand corrected by more alert readers of this message!
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>

5247. protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-15 22:35:55 UTC
From: N1BUG
Topic: 5247 Message: 5247

Having just finished optimizing a 1.8 Mc. grid coil for the TNT rig, I was admiring the family of coils when I noticed something rather disquieting. Despite careful handling the turns on the 3.5 Mc. coil, which had been wound several months before the others, have been moving about a bit. Obviously this is not desirable. I wonder what folks might be using these days to secure and protect coils made of small diameter cotton or silk covered wire?

73,
Paul N1BUG

5248. Re: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-15 23:04:11 UTC
From: Louis Vermond
Topic: 5247 Message: 5248

Lacquer...

----- Original Message -----
From: N1BUG
To: AWAGroup
Sent: 2012-01-15 5:35 PM
Subject: [AWA Group] protecting coils with small dcc wire

Having just finished optimizing a 1.8 Mc. grid coil for the TNT rig, I was admiring the family of coils when I noticed something rather disquieting. Despite careful handling the turns on the 3.5 Mc. coil, which had been wound several months before the others, have been moving about a bit. Obviously this is not desirable. I wonder what folks might be using these days to secure and protect coils made of small diameter cotton or silk covered wire?

73,
Paul N1BUG

5249. RE: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 01:53:33 UTC
From: Bauman, John
Topic: 5247 Message: 5249

Yes, and clear fingernail polish is lacquer in disguise!

Lacquer...

----- Original Message -----

Having just finished optimizing a 1.8 Mc. grid coil for the TNT rig, I was admiring the family of coils when I noticed something rather disquieting. Despite careful handling the turns on the 3.5 Mc. coil, which had been wound several months before the others, have been moving about a bit. Obviously this is not desirable. I wonder what folks might be using these days to secure and protect coils made of small diameter cotton or silk covered wire?

73,
Paul N1BUG

5250. RE: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 04:42:08 UTC
From: Roger Kuchera
Topic: 5247 Message: 5250

Amen on Clear nail polish aka Top Coat.

Roger.

--- On Sun, 1/15/12, Bauman, John <john.bauman@...> wrote:

> From: Bauman, John <john.bauman@...>
> Subject: RE: [AWA Group] protecting coils with small dcc wire
> To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
> Date: Sunday, January 15, 2012, 8:53 PM
> Yes, and clear fingernail polish is
> lacquer in disguise!
>
> _____
>
>
> Lacquer...
>
>
> ----- Original Message -----
>
>
>
>
> Having just finished optimizing a 1.8 Mc. grid coil for the
> TNT rig, I was admiring the family of coils when I noticed
> something rather disquieting. Despite careful handling the
> turns on the 3.5 Mc. coil, which had been wound several
> months before the others, have been moving about a bit.
> Obviously this is not desirable. I wonder what folks might
> be using these days to secure and protect coils made of
> small diameter cotton or silk covered wire?
>
> 73,
> Paul N1BUG
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> ------------------------------------
>
> Yahoo! Groups Links
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>

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>     AWAGroup-fullfeatured@yahoogroups.com
>
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>
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5251. Re: Another AM'er Returns...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 04:00:18 UTC
From: Don Dulmage
Topic: 5206 Message: 5251

I have decided to build a new AM rig. I have begun already. Low level modulation with three stages of Linear PAs. My 9 watt deal is just not getting it done but for nostalgic reasons dont want to butcher it. I should have the basic unit up a going in a day or so then it will be time to build the PA Stages. I need at least 25 watts output I think to be effective at all.
Don VE3LYX

5252. Re: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 12:31:46 UTC
From: N1BUG
Topic: 5247 Message: 5252

Thanks guys! If I can find lacquer, would gloss, semi gloss, or satin be most similar to what was used back in the day? Will see if I can find lacquer or nail polish in town today.

73,
Paul N1BUG

5253. BTW

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 13:00:41 UTC
From: N1BUG
Topic: 5253 Message: 5253
Attachments: 1 described; binary payloads are missing from this source WARC

Had the TNT fired up on 160m to tune the new grid coil... using the most hideous tank and antenna coils you ever saw! Talk about unsteady sigs! ;-) This was the base loading coil from a Gotham vertical, back in the day. It has seen many uses and taken a lot of abuse since then.

5254. Re: [AWA Group] BTW

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 13:12:09 UTC
From: Eddy Swynar
Topic: 5253 Message: 5254

Hi Paul,

Looks like FB B&W coil stock, to me...!

~73~ de Eddy VE3CUI - VE3XZ

****
****

On 2012-01-16, at 8:00 AM, N1BUG wrote:

> Had the TNT fired up on 160m to tune the new grid coil... using the most hideous tank and antenna coils you ever saw! Talk about unsteady sigs! ;-) This was the base loading coil from a Gotham vertical, back in the day. It has seen many uses and taken a lot of abuse since then.
>
>

5255. Re: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 13:20:53 UTC
From: Louis Vermond
Topic: 5247 Message: 5255

Gloss...

----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: 2012-01-16 7:31 AM
Subject: Re: [AWA Group] protecting coils with small dcc wire

Thanks guys! If I can find lacquer, would gloss, semi gloss, or satin be most similar to what was used back in the day? Will see if I can find lacquer or nail polish in town today.

73,
Paul N1BUG

5256. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 13:38:27 UTC
From: Don Dulmage
Topic: 5244 Message: 5256

BTW Eddy the Ontario AM boys are on 7120 every Sunday 2 to 3 pm . Even yesterday. My tube subs were a wash. Why I am not quite sure but I had almost no output. Not even enuf to put my 6v6/6l6 PA in op. I will take a look tomorrow. Biggest problem on am especilly with a marginal strength signal (because you really need to be in the clear) is getting an oppourtunity to jump in. I have patiently sat while a net control said "I will check in a minute for any other checkins but I want to say this." 40 minutes later he is still talkng and I have dozed off twice. At that point I pull the switch. That has happened BTW more than once.
My 9 watts are just not enuf for Am operation from my QTH. Iwould be ok for CW or SSB but it doesnt cut it well on 80M and 40M AM. Farthest away I have been heard was Hanover Ont and it was just barely managable. I dont modulate 100% or even close to that . So after that experiment I am building a new rig for AM. using a mixer tube and then not unlike we do in SSB take that tiny spark and amplify it whatever it takes to get a 25 watt or better output. At the same time I am also building a cathode modulator circuit that was used a lot around the time phone began to replace CW . It plugs into the key jack and is from the Amatuer radio handbooks as well as other sources. It is a very simple circuit using no hard to get parts and it says it will modulate any CW unit keying one tube or its PA stage. In fact my AM PA has a key jack in its cathode circuit too. I could use my 50l6 tx to supply the signal and drive and modulate the 6L6 final with it. Basically it varies the cathode bias which of course afftects grid bias as well. I found three different versions of the circuit so far but all are simlar. One uses ancient 1930s tubes and will work for a crystal mike. One uses similar tubes but is mdified for les mike gain so it can be inputtd with a carbon mike, using voltage produced accross the cathode resistors to supply the DC for the carbon mike circuit, and one uses modern tubes like 12ax7 and a 6be6 , The circuits are though very similar and it is known as the simplest modulator. It would easily modulate any of my 1 tube TXs.. The circuit also appears in the 1956 Radio Amateur Handbook (ARRL) on page 250 but my research indicates it appeared several years before as well. That said it isnt , or I could not find it in the1948 handbook so it probably gets shot down as pre 41 even though the tubes it uses predate 1934. Of course it could be built with pre29 tubes as well. I thought about buying a used AM rig. Somehow I can't bring myself to do that yet. I am kicking myself "OH I sold that old stuff." .????!@#$%^&*&^%$#@!!!!!!!!!!! Took awhile to recover from that! My brain short-circuited as it has been known to do occasionally when the anger bias exceeds the rational thought bias. I also sold a DC3 transmitter and receiver with all its 160 M crystals and a bench test power supply but that was just after I got my TS830S some 30 + years ago. I still have a picture of it somewhere here.It worked just fine. I forget who made it but I seem to think Bendix. I sold it to VE3MNN I think it was. I wonder ??
Anyway the AM stuff interests me too.
Don VE3LYX.

5257. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 13:47:48 UTC
From: Don Dulmage
Topic: 5244 Message: 5257

BTW Eddy the Ontario AM boys are on 7120 every Sunday 2 to 3 pm . Even yesterday. My tube subs were a wash. Why I am not quite sure but I had almost no output. Not even enuf to put my 6v6/6l6 PA in op. I will take a look tomorrow. Biggest problem on am especilly with a marginal strength signal (because you really need to be in the clear) is getting an oppourtunity to jump in. I have patiently sat while a net control said "I will check in a minute for any other checkins but I want to say this." 40 minutes later he is still talkng and I have dozed off twice. At that point I pull the switch. That has happened BTW more than once.
My 9 watts are just not enuf for Am operation from my QTH. Iwould be ok for CW or SSB but it doesnt cut it well on 80M and 40M AM. Farthest away I have been heard was Hanover Ont and it was just barely managable. I dont modulate 100% or even close to that . So after that experiment I am building a new rig for AM. using a mixer tube and then not unlike we do in SSB take that tiny spark and amplify it whatever it takes to get a 25 watt or better output. At the same time I am also building a cathode modulator circuit that was used a lot around the time phone began to replace CW . It plugs into the key jack and is from the Amatuer radio handbooks as well as other sources. It is a very simple circuit using no hard to get parts and it says it will modulate any CW unit keying one tube or its PA stage. In fact my AM PA has a key jack in its cathode circuit too. I could use my 50l6 tx to supply the signal and drive and modulate the 6L6 final with it. Basically it varies the cathode bias which of course afftects grid bias as well. I found three different versions of the circuit so far but all are simlar. One uses ancient 1930s tubes and will work for a crystal mike. One uses similar tubes but is mdified for les mike gain so it can be inputted with a carbon mike, using voltage produced accross the cathode resistors to supply the DC for the carbon mike circuit, and one uses modern tubes like 12ax7 and a 6be6 , The circuits are though very similar and it is known as the simplest modulator. It would easily modulate any of my 1 tube TXs.. The circuit also appears in the 1956 Radio Amateur Handbook (ARRL) on page 250 but my research indicates it appeared several years before as well. That said it isnt , or I could not find it in the1948 handbook so it probably gets shot down as pre 41 even though the tubes it uses predate 1934. Of course it could be built with pre29 tubes as well. I thought about buying a used AM rig. Somehow I can't bring myself to do that yet. I am kicking myself though. A few years ago(about 5 i think) I lent my Viking II and a nos CRS5a recver to a "friend". I asked him last fall about getting it back. "OH I sold that old stuff." he said. Sold? I lent it to him making sure he understood that.
.????!@#$%^&*&^%$#@!!!!!!!!!!! Took awhile to recover from that! My brain short-circuited as it has been known to do occasionally when the anger bias exceeds the rational thought bias. I also sold a DC3 transmitter and receiver with all its 160 M crystals and a bench test power supply but that was just after I got my TS830S some 30 + years ago. I still have a picture of it somewhere here.It worked just fine. I forget who made it but I seem to think Bendix. I sold it to VE3MNN I think it was. I wonder ?? Probably no chance he still has it.
Anyway the AM stuff interests me too.
Don VE3LYX.

5258. Re: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 17:12:46 UTC
From: Eddy Swynar
Topic: 5244 Message: 5258

Hi Don,

I think you'd be OK on 40-meters with that power level...

The other day I worked a guy Stateside who was running (max) 25-watts from a rice rocket---that's only 10+ db stronger than you are now, which translates to just about 1.5 S-units! No big deal...

Well, I try to get on the 40-meter window as time allows here during the day. For better or worse, there's a big mid-west AM net that gets on 7290-KHz at noon, & stays there for about 2 hours! And as you pointed out, Don, forget about making any meaningful exchanges because of the time it takes for the thing to get around...and AM'ers are absolutely famous (infamous...?!) for making long-winded, old buzzard monologue transmissions, too, which doesn't help any! Hi Hi

I think that's about the hardest thing for me to re-wrap my head around again, after having been away from the mode for so long, i.e. getting used to the more relaxed(!) & laid-back pace of things with AM. Hmmm...could be that that's just the tonic needed at some time, or another, by all of us Hams...

I'll continue to listen for you whenever I call CQ on 40, Don. To that end, I swapped-out my Heathkit SB-301 receiver, in favour of my Drake R-4: the latter has step-selectable selectivity, & a notch filter, which really helps a lot in AM. In fact, I've already noticed the difference by my NOT having to listen to QRM-assaulted AM signals by switching-in either LSB, or USB, like I had to do with the SB-301...

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-01-16, at 8:38 AM, Don Dulmage wrote:

> BTW Eddy the Ontario AM boys are on 7120 every Sunday 2 to 3 pm . Even yesterday. My tube subs were a wash. Why I am not quite sure but I had almost no output. Not even enuf to put my 6v6/6l6 PA in op. I will take a look tomorrow. Biggest problem on am especilly with a marginal strength signal (because you really need to be in the clear) is getting an oppourtunity to jump in. I have patiently sat while a net control said "I will check in a minute for any other checkins but I want to say this." 40 minutes later he is still talkng and I have dozed off twice. At that point I pull the switch. That has happened BTW more than once.
> My 9 watts are just not enuf for Am operation from my QTH. Iwould be ok for CW or SSB but it doesnt cut it well on 80M and 40M AM. Farthest away I have been heard was Hanover Ont and it was just barely managable. I dont modulate 100% or even close to that . So after that experiment I am building a new rig for AM. using a mixer tube and then not unlike we do in SSB take that tiny spark and amplify it whatever it takes to get a 25 watt or better output. At the same time I am also building a cathode modulator circuit that was used a lot

around the time phone began to replace CW . It plugs into the key jack and is from the Amatuer radio handbooks as well as other sources. It is a very simple circuit using no hard to get parts and it says it will modulate any CW unit keying one tube or its PA stage. In fact my AM PA has a key jack in its cathode circuit too. I could use my 50l6 tx to supply the signal and drive and modulate the 6L6 final with it. Basically it varies the cathode bias which of course afftects grid bias as well. I found three different versions of the circuit so far but all are simlar. One uses ancient 1930s tubes and will work for a crystal mike. One uses similar tubes but is mdified for les mike gain so it can be inputtd with a carbon mike, using voltage produced accross the cathode resistors to supply the DC for the carbon mike circuit, and one uses modern tubes like 12ax7 and a 6be6 , The circuits are though very similar and it is known as the simplest modulator. It would easily modulate any of my 1 tube TXs.. The circuit also appears in the 1956 Radio Amateur Handbook (ARRL) on page 250 but my research indicates it appeared several years before as well. That said it isnt , or I could not find it in the1948 handbook so it probably gets shot down as pre 41 even though the tubes it uses predate 1934. Of course it could be built with pre29 tubes as well. I thought about buying a used AM rig. Somehow I can't bring myself to do that yet. I am kicking myself "OH I sold that old stuff." .????!@#$%^&*&^%$#@!!!!!!!!!!! Took awhile to recover from that! My brain short-circuited as it has been known to do occasionally when the anger bias exceeds the rational thought bias. I also sold a DC3 transmitter and receiver with all its 160 M crystals and a bench test power supply but that was just after I got my TS830S some 30 + years ago. I still have a picture of it somewhere here.It worked just fine. I forget who made it but I seem to think Bendix. I sold it to VE3MNN I think it was. I wonder ??
> Anyway the AM stuff interests me too.
> Don VE3LYX.
>

5259. Re: [AWA Group] BTW

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 17:16:24 UTC
From: ve7sl@shaw.ca
Topic: 5253 Message: 5259

That's a lovely-looking coil Paul and looks like it was more than up to the task...nice! I'm surprised that you found the note wobbly but I guess the bigger solid form coils are physically more stable. Did you work anyone?

Steve

>
>
> Had the TNT fired up on 160m to tune the new grid coil... using the most
> hideous tank and antenna coils you ever saw! Talk about unsteady sigs! ;-)
> This was the base loading coil from a Gotham vertical, back in the day. It
> has seen many uses and taken a lot of abuse since then.
>
>
>
>
>
>
>
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5260. Re: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 17:33:30 UTC
From: Leonard Meek
Topic: 5247 Message: 5260

Paul, I sent this in before but it didn't make it to the group. There used to be a product on the market called "Q Dope" for coating coils. I also found you can make your own by disolving popcorn styrofoam packing material in toluene. I've also used MEK with a little Xylene. It seems to work pretty well.

Leonard

5261. Wooden Keys -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 17:35:56 UTC
From: Mike Feher
Topic: 5261 Message: 5261
Attachments: 1 described; binary payloads are missing from this source WARC

Here is a REAL wooden key. The ruler is 18" long. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5262. RE: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-15 22:38:47 UTC
From: Carl Nord
Topic: 5247 Message: 5262
Attachments: 2 described; binary payloads are missing from this source WARC

I use clear nail polish

Carl

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Sunday, January 15, 2012 5:36 PM
To: AWAGroup
Subject: [AWA Group] protecting coils with small dcc wire

Having just finished optimizing a 1.8 Mc. grid coil for the TNT rig, I was admiring the family of coils when I noticed something rather disquieting. Despite careful handling the turns on the 3.5 Mc. coil, which had been wound several months before the others, have been moving about a bit. Obviously this is not desirable. I wonder what folks might be using these days to secure and protect coils made of small diameter cotton or silk covered wire?

73,
Paul N1BUG

5263. Re: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 12:34:54 UTC
From: Eddy Swynar
Topic: 5247 Message: 5263

Hi Paul,

Go to your local dollar store & stock-up on the cheapest bottles of CLEAR NAIL POLISH that you can find...

I always apply two coats of this coil-dope-in-disguise on all of my coiled creations, & it's never let me down...

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-01-15, at 5:35 PM, N1BUG wrote:

> Having just finished optimizing a 1.8 Mc. grid coil for the TNT rig, I was admiring the family of coils when I noticed something rather disquieting. Despite careful handling the turns on the 3.5 Mc. coil, which had been wound several months before the others, have been moving about a bit. Obviously this is not desirable. I wonder what folks might be using these days to secure and protect coils made of small diameter cotton or silk covered wire?
>
> 73,
> Paul N1BUG
>
>
>

5264. Re: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-15 23:05:22 UTC
From: Leonard Meek
Topic: 5247 Message: 5264

Paul, there used to be a product on the market called "Q Dope" for coating coils. I also found you can make your own by disolving popcorn styrofoam packing material in toluene. I've also used MEK with a little Xylene. It seems to work pretty well.

Leonard

----- Original Message -----
From: N1BUG
To: AWAGroup
Sent: Sunday, January 15, 2012 12:35 PM
Subject: [AWA Group] protecting coils with small dcc wire

Having just finished optimizing a 1.8 Mc. grid coil for the TNT rig, I was admiring the family of coils when I noticed something rather disquieting. Despite careful handling the turns on the 3.5 Mc. coil, which had been wound several months before the others, have been moving about a bit. Obviously this is not desirable. I wonder what folks might be using these days to secure and protect coils made of small diameter cotton or silk covered wire?

73,
Paul N1BUG

5265. Re: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 17:45:19 UTC
From: ve7sl@shaw.ca
Topic: 5247 Message: 5265

>Paul, I sent this in before but it didn't make it to the group.

Leonard...after reading the above I checked the groups 'spam-trap' and sure enough there were three messages there. There appears to be no difference betweeen the one that just went through (above) and the ones that got trapped...weird. Anyway, I have set tehm free!

Steve / 73

Regarding above. The DX crystal radio guys have done some extensive testing over the years on the coating of coils and it's effect on coil 'Q'. Turns out that most of the 'Q dope' type products actually made things worse and that the best thing was your own recipe, dissolved styrofoam! For TNT grid coils, I think high Q is probably of little importance however.

(I wonder if this one will get spam-trapped too?)

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5266. Re: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 18:38:42 UTC
From: Roger Kuchera
Topic: 5247 Message: 5266

IMHO.....

Styrofoam dissolved in gas is not only flammable but explosive. Please be careful.

MinWax sells spray on Polyurethane Varnish, that might work.

CUL, Roger/K1TG

--- On Mon, 1/16/12, ve7sl@... <ve7sl@...> wrote:

From: ve7sl@... <ve7sl@...>
Subject: Re: [AWA Group] protecting coils with small dcc wire
To: AWAGroup@yahoogroups.com
Date: Monday, January 16, 2012, 12:45 PM

>Paul, I sent this in before but it didn't make it to the group.

Leonard...after reading the above I checked the groups 'spam-trap' and sure enough there were three messages there. There appears to be no difference betweeen the one that just went through (above) and the ones that got trapped...weird. Anyway, I have set tehm free!

Steve / 73

Regarding above. The DX crystal radio guys have done some extensive testing over the years on the coating of coils and it's effect on coil 'Q'. Turns out that most of the 'Q dope' type products actually made things worse and that the best thing was your own recipe, dissolved styrofoam! For TNT grid coils, I think high Q is probably of little importance however.

(I wonder if this one will get spam-trapped too?)

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

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Yahoo! Groups Links

5267. Re: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 20:03:51 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5267

Don wrote:

> At the same time I am also building a cathode
> modulator circuit that was used a lot around the time phone began to
> replace CW . It plugs into the key jack and is from the Amatuer radio
> handbooks as well as other sources. It is a very simple circuit using no
> hard to get parts and it says it will modulate any CW unit keying one tube
> or its PA stage. In fact my AM PA has a key jack in its cathode circuit
> too. I could use my 50l6 tx to supply the signal and drive and modulate
> the 6L6 final with it. Basically it varies the cathode bias which of
> course afftects grid bias as well.

I used to use this method to modulate a 1940 ARRL Handbook "exciter" (originally published in a 1937 QST by George Grammer) that used a single 807 in the output. Ran about 7W of carrier (~30 PEP). I ran it in the AWA "thirties night" AM contest sometime during the last decade, and because of the scoring advantage of the low power, ended up winning first place. I remember talking to Bill K4JYS on 40M, which was I think my best DX for the event. Also talked to the Western NY guys on 80M, no sweat. With tetrode and pentode PAs you end up getting predominantly control grid modulation. Triode PAs require a lot more power from the modulator, and you end up with a combination of plate and grid modulation.

Don, if I were you I'd build up a MPOA CW rig capable of ~100W CW output, and use that "simplest modulator" in the cathode circuit. That would give you about 25W carrier output on AM, the power level you are trying to achieve. Much easier to get going right than generating AM at low level and amplifying linearly with multiple stages.

73,
-Larry/NE1S

5268. Re: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 21:16:44 UTC
From: Leonard Meek
Topic: 5247 Message: 5268

A lot of stuff in my workshop is flamable, explosive or just downright nasty. That's one reason I've never invited OSHA to visit me.

Leonard

----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: Monday, January 16, 2012 8:38 AM
Subject: Re: [AWA Group] protecting coils with small dcc wire

IMHO.....

Styrofoam dissolved in gas is not only flammable but explosive. Please be careful.

MinWax sells spray on Polyurethane Varnish, that might work.

CUL, Roger/K1TG

--- On Mon, 1/16/12, ve7sl@... <ve7sl@shaw.ca> wrote:

From: ve7sl@... <ve7sl@...>
Subject: Re: [AWA Group] protecting coils with small dcc wire
To: AWAGroup@yahoogroups.com
Date: Monday, January 16, 2012, 12:45 PM

>Paul, I sent this in before but it didn't make it to the group.

Leonard...after reading the above I checked the groups 'spam-trap' and sure enough there were three messages there. There appears to be no difference betweeen the one that just went through (above) and the ones that got trapped...weird. Anyway, I have set tehm free!

Steve / 73

Regarding above. The DX crystal radio guys have done some extensive testing over the years on the coating of coils and it's effect on coil 'Q'. Turns out that most of the 'Q dope' type products actually made things worse and that the best thing was your own recipe, dissolved styrofoam! For TNT grid coils, I think high Q is probably of little importance however.

(I wonder if this one will get spam-trapped too?)

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

---

Yahoo! Groups Links

5269. AWA LC OT CW Contest Warmup

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 22:09:57 UTC
From: Niel - W0VLZ
Topic: 5269 Message: 5269

My "Taylor 75" is set up for this week's AWA LC CW Contest and the operating position is cleaned up.

I'll be on 3560-65 this evening from about 7 until 8 CST trying it out.

73,
Niel - W0VLZ
Rochester, MN

5270. Re: [AWA Group] BTW

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-16 23:58:17 UTC
From: N1BUG
Topic: 5253 Message: 5270

The coil itself was probably fine Steve. I think the problem was the way it was just dangling there by its leads. It was also over-coupled but that was easily taken care of by detuning the series variable condenser. I didn't try to work anyone. One of my many quirks - I would rather not get on the air with something until it's "finished". This definitely isn't a coil I plan on using, just something I cobbled up in order to tune a grid coil. I am constantly on the watch for wire that I'll be happy with. I'm getting close to being able to call this build truly finished. All that's left is to make tank and antenna coils for 160 and coating the grid coils.

73,
Paul

On 01/16/2012 12:16 PM, ve7sl@... wrote:

That's a lovely-looking coil Paul and looks like it was more than up to the task...nice! I'm surprised that you found the note wobbly but I guess the bigger solid form coils are physically more stable. Did you work anyone?

Steve

5271. Re: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 00:02:43 UTC
From: N1BUG
Topic: 5247 Message: 5271

Thanks again everyone for the suggestions on this. There's not a drop of lacquer or clear nail polish to be had here in Nowhereville. Not to worry, I will find some. I could have had nail polish in several colors, but not clear. I opted to pass. :-)

73,
Paul

5272. Re: [AWA Group] BTW

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 01:18:08 UTC
From: ve7sl@shaw.ca
Topic: 5253 Message: 5272

>One of my many quirks - I would rather not get on the air with something
>until it's "finished".

nothing quirky about that Paul and I'm much the same but every once in a while, when developing a circuit on my test bed clamped in the vise, I can't resist the urge to clip an antenna on and call CQ. When I was building my Paraset I think I worked about 20 states with the darn thing while it was upside down in the vise with about a half dozen clip leads connected to it!

> All that's left is to make tank and antenna coils for 160 and coating the
> grid coils.

well when you are ready I would be happy to give you a listen.

73 / Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5273. RE: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 01:38:35 UTC
From: Bauman, John
Topic: 5247 Message: 5273

If there's a real hobby shop around your parts, they might have some clear model airplane dope, it's lacquer based.
In a pinch I've also used Nitrate dope (hobby shop) on coil forms and polyurathane (hardware store).
That's solvent base polyurathane not water base.

Or you can disolve styrofoam in lacquer thinner and use that, pretty much the same as coil dope sold back in the '50s-'70s.

Hope this helps,
John
KB7NRN

Thanks again everyone for the suggestions on this. There's not a drop of lacquer or clear nail polish to be had here in Nowhereville. Not to worry, I will find some. I could have had nail polish in several colors, but not clear. I opted to pass. :-)

73,
Paul

5274. RE: [AWA Group] protecting coils with small dcc wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 01:45:34 UTC
From: Bauman, John
Topic: 5247 Message: 5274

Hmm, I read the latest first so didn't see the other posts. Sorry for duplicating comments.

John

If there's a real hobby shop around your parts, they might have some clear model airplane dope, it's lacquer based.
In a pinch I've also used Nitrate dope (hobby shop) on coil forms and polyurathane (hardware store).
That's solvent base polyurathane not water base.

Or you can disolve styrofoam in lacquer thinner and use that, pretty much the same as coil dope sold back in the '50s-'70s.

Hope this helps,
John
KB7NRN

Thanks again everyone for the suggestions on this. There's not a drop of lacquer or clear nail polish to be had here in Nowhereville. Not to worry, I will find some. I could have had nail polish in several colors, but not clear. I opted to pass. :-)

73,
Paul

5275. RE: [AWA Group] AWA LC OT CW Contest Warmup

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 03:54:26 UTC
From: Bauman, John
Topic: 5269 Message: 5275

Niel,
Good to hear you got it going. Looks good too!
Oh the trials of building vintage gear!

John
KB7NRN

My "Taylor 75" is set up for this week's AWA LC CW Contest and the
operating position is cleaned up.

I'll be on 3560-65 this evening from about 7 until 8 CST trying it out.

73,
Niel - W0VLZ
Rochester, MN

5276. AM Action, Anyone...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 14:10:21 UTC
From: Eddy Swynar
Topic: 5276 Message: 5276

Hi Guys,

The local time is about 9:10 AM, Tuesday---anyone up for a go on 40-meters AM...?

I plan to be down in Studio B in about 5 minutes, listening around / calling on 7280- to 7295-KHz, with my VE3XZ call sign.

See you shortly...?

~73~ de Eddy VE3CUI - VE3XZ

5277. Re: [AWA Group] AM Action, Anyone...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 14:28:44 UTC
From: ne1s@securespeed.us
Topic: 5276 Message: 5277

> Hi Guys,
>
> The local time is about 9:10 AM, Tuesday---anyone up for a go on 40-meters
> AM...?
>
> I plan to be down in Studio B in about 5 minutes, listening around /
> calling on 7280- to 7295-KHz, with my VE3XZ call sign.
>
> See you shortly...?
>
> ~73~ de Eddy VE3CUI - VE3XZ

I'm there, Eddy, calling you on about 7883 as I type, with about a 40W carrier from the 1937 W1DF 807 exciter, plate-modulated with a pair.

Hope we can hood up.

73,
-Larry/NE1S

5278. Re: [AWA Group] AM Action, Anyone...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 15:21:29 UTC
From: Eddy Swynar
Topic: 5276 Message: 5278

On 2012-01-17, at 9:28 AM, ne1s@... wrote:

>
> I'm there, Eddy, calling you on about 7883 as I type, with about a 40W
> carrier from the 1937 W1DF 807 exciter, plate-modulated with a pair.
>
> Hope we can hood up.,_._,___
>

Hi Larry,

Many thanks for the quickie AM QSO of just a few minutes ago...!

Your 40-watt 807 rig sounded wonderful here, as long as the adjacent sideband splatter all around us stayed away. You were a good 5x7 copy here, otherwise...

MORE denizens of this group should take the plunge & try AM from time to time---it's a nice change of pace from the dits & the dahs, & is a good way to connect a voice (if not a face!) to a name & call sign...

~73~ de Eddy VE3CUI - VE3XZ

5279. eBay Alert Useful tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 15:54:08 UTC
From: Louis Vermond
Topic: 5279 Message: 5279

http://www.ebay.ca/sch/jrcradio/m.html?item=150738172893&viewitem=&sspagename=ADME%3AB%3ASS%3ACA%3A1123&_trksid=p4340.l2562

5280. eBay for Lou -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 16:05:56 UTC
From: Mike Feher
Topic: 5280 Message: 5280

http://www.ebay.com/itm/280807995558?ssPageName=STRK:MEWAX:IT
<http://www.ebay.com/itm/280807995558?ssPageName=STRK:MEWAX:IT&_trksid=p3984
.m1438.l2649> &_trksid=p3984.m1438.l2649

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5281. Re: [AWA Group] eBay Alert Useful tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 16:40:15 UTC
From: N1BUG
Topic: 5279 Message: 5281

UX-210's!! Drool.....

Don't worry guys, have at it. I'm not a threat in that department any more. Er... at least not for a while. :)

Bugsy

On 01/17/2012 10:54 AM, Louis Vermond wrote:

http://www.ebay.ca/sch/jrcradio/m.html?item=150738172893&viewitem=&sspagename=ADME%3AB%3ASS%3ACA%3A1123&_trksid=p4340.l2562

5282. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 17:26:14 UTC
From: Don Dulmage
Topic: 5244 Message: 5282

Thanks Larry.
You advice is good and it will evenutallly happen . I just wanted to do this mixer tube deal for the experience. But you have pointed out the hard fact. You realy need a lot of basic transmitter omph to make moderate AM power. I was also looking at two of my PAs. Would take very little to make either one a power osc with crystal control and then do the cathode mod thing.
So that basic circuit then does predate the 1940s? Good to hear. And now for todays burning question. What year was the 6146 introduced?
Don

5283. Re: [AWA Group] AM Action, Anyone...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 17:37:02 UTC
From: ne1s@securespeed.us
Topic: 5276 Message: 5283

> Hi Larry,
>
> Many thanks for the quickie AM QSO of just a few minutes ago...!

Thank YOU Eddy - the pleasure was all mine. It was good to hook up with you on AM again after so many years.

> Your 40-watt 807 rig sounded wonderful here, as long as the adjacent
> sideband splatter all around us stayed away. You were a good 5x7 copy
> here, otherwise...
>

You were solid, armchair copy here on the RME-69. Also about a S-7.

> MORE denizens of this group should take the plunge & try AM from time to
> time---it's a nice change of pace from the dits & the dahs, & is a good
> way to connect a voice (if not a face!) to a name & call sign...
>

What Eddy said!

> ~73~ de Eddy VE3CUI - VE3XZ

73,
-Larry/NE1S

5284. RE: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 17:43:26 UTC
From: Mike Feher
Topic: 5244 Message: 5284

According to Lud, the 6146 was introduced in 1-3-52. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Don Dulmage
Sent: Tuesday, January 17, 2012 12:26 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: 40-Meters AM

Thanks Larry.

You advice is good and it will evenutallly happen . I just wanted to do this mixer tube deal for the experience. But you have pointed out the hard fact. You realy need a lot of basic transmitter omph to make moderate AM power. I was also looking at two of my PAs. Would take very little to make either one a power osc with crystal control and then do the cathode mod thing.

So that basic circuit then does predate the 1940s? Good to hear. And now for todays burning question. What year was the 6146 introduced?

Don

5285. RE: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 17:46:19 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5285

> According to Lud, the 6146 was introduced in 1-3-52. 73 - Mike
>

The 6146 and my XYL and I share the same anniversary, then. We were married on 1-3-77, exactly 25 years after the 6146 was hatched.

73,
-Larry/NE1S

5286. RE: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 17:55:57 UTC
From: Mike Feher
Topic: 5244 Message: 5286

So, you guys just had your 35th. Congratulations. Had I know earlier, I could have sent some 6146s, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ne1s@...
Sent: Tuesday, January 17, 2012 12:46 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: 40-Meters AM

> According to Lud, the 6146 was introduced in 1-3-52. 73 - Mike
>

The 6146 and my XYL and I share the same anniversary, then. We were married on 1-3-77, exactly 25 years after the 6146 was hatched.

73,
-Larry/NE1S

5287. Re: [AWA Group] eBay Alert Useful tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-17 18:03:18 UTC
From: Louis Vermond
Topic: 5279 Message: 5287

Don't worry guys, have at it. I'm not a threat in that department any more. Er... at least not for a while. :)

Don't be fooled Boys, Ol' Bugsy Machiavelli is up to tricks....

----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: 2012-01-17 11:40 AM
Subject: Re: [AWA Group] eBay Alert Useful tubes

UX-210's!! Drool.....

Don't worry guys, have at it. I'm not a threat in that department any more. Er... at least not for a while. :)

Bugsy

On 01/17/2012 10:54 AM, Louis Vermond wrote:

http://www.ebay.ca/sch/jrcradio/m.html?item=150738172893&viewitem=&sspagename=ADME%3AB%3ASS%3ACA%3A1123&_trksid=p4340.l2562

5288. Re: Wooden Keys -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 01:25:40 UTC
From: Don Dulmage
Topic: 5261 Message: 5288

Obviously an feeble attempt to infringe on my patent.
Don VE3LYX

5289. RE: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 12:18:15 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5289

Hi Mike,

> So, you guys just had your 35th.

Yep!

> Congratulations.

Thanks.

> Had I know earlier, I
> could have sent some 6146s, HI. 73 - Mike
>

On our next anniversary:

Me to Elaine: Do you know what today is?

Elaine: It's our anniversary, of course.

Me: Well, yeah, but it's also the 61st anniversary of the 6146...

73,
-Larry/NE1S

5290. Bugsy & his tricks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 12:19:24 UTC
From: N1BUG
Topic: 5279 Message: 5290

Don't be fooled Boys, Ol' Bugsy Machiavelli is up to tricks....

Darn! Can't pull any wool over Lou's eyes!

I am up to tricks, but not those tricks. Since it appears I will be using the "modern" power supply (Heath PS-23) for some time, I've put the filament rheostat inside and am making a wiring harness that doesn't involve clip leads! Seems I have to go shovel snow again this morning but assuming I finish the wiring today I will make an appearance tonight in the LC. If I miss tonight, then Saturday night. I'm trying to figure out how one is supposed to attach a modern phone tip to a wire. The things don't have a hollow tip or a hole for soldering. Hmm. I'll figure it out, even if I have to modify the little devils.

73,
Bugsy

5291. RE: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 12:45:03 UTC
From: Carl Nord
Topic: 5244 Message: 5291

You charmer you

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of ne1s@...
Sent: Wednesday, January 18, 2012 7:18 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: 40-Meters AM

Hi Mike,

> So, you guys just had your 35th.

Yep!

> Congratulations.

Thanks.

> Had I know earlier, I
> could have sent some 6146s, HI. 73 - Mike
>

On our next anniversary:

Me to Elaine: Do you know what today is?

Elaine: It's our anniversary, of course.

Me: Well, yeah, but it's also the 61st anniversary of the 6146...

73,
-Larry/NE1S

5292. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 15:58:08 UTC
From: Don Dulmage
Topic: 5244 Message: 5292

The basic mixer tube AM transmitter deal is built. (6SA7) All done. Now I have to come up with a buffer /rf amp going out and a speech amp going in. I have a 6SL7 here (probably a 6SN7 too somewhere) I wonder if I can come up with using one half for the speech amp and the other for rf amp/buffer. Then drive a 6v6 for a RF PA and use all that to drive my larger PA. I only need a triode for my speech amp since the only mics I have are single button Carbons. I will check it all over before the smoke test. Reason I built it is I had to buy absoutley nothing. Had it all "IN STOCK"It should cover 80 and 40 and 30 too (although that doesnt do any good .) I whip a key jack on it somewhere too. Tis a tiny lttle deal considering it is using octal tubes.
Don VE3LYX

5293. Lunc Cundal Confusion

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 18:20:32 UTC
From: JAMES HANLON
Topic: 5293 Message: 5293

Y'all,

I'm somewhat confused about the Lunc Cundal Memorial CW Contest, starting today.

The announcement on the AWA website and in the October 2011 AWA Journal says the contest is "designed to favor those using low power equipment constructed before 1946." But the rules that I just printed out say, "Contest designed to favor those using low power and equipment constructed earlier than 1950." Also, the rules sheet says that a MODern piece of equipment is defined as "after 1950" gear.

I'd like to know: 1) is the cutoff year 1946 or 1950? 2) what about equipment built in the cutoff year? Is it MOD or is it OT (old time)?

Also the announcements in the AWA Journal, on the web page, and on the top of the Rules page say the contest is for 160, 80 and 40 meters. But later on, the Rules page specifies frequencies for 20 meters (14060 - 14070) and it suggests that contacts on 20 and 160 beconcentrated on the hour.

I'd like to know if 20 meter operation is included or not.

Jim Hanlon, W8KGI

5294. RE: [AWA Group] Lunc Cundal Confusion

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 18:28:41 UTC
From: Mike Feher
Topic: 5293 Message: 5294

Jim -

Sorry - cannot help you there. I know when I was first very active in that contest it was 1939 and earlier for the longest time. I know the year has been creeping up recently, but, I am surprised it is already up to 1950. Again, when I was still active, 20 meters was always included, and, I was able to work several on all 4 bands. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of JAMES HANLON
Sent: Wednesday, January 18, 2012 1:21 PM
To: AWA Group; w1gig@...
Subject: [AWA Group] Lunc Cundal Confusion

Y'all,

I'm somewhat confused about the Lunc Cundal Memorial CW Contest, starting today.

The announcement on the AWA website and in the October 2011 AWA Journal says the contest is "designed to favor those using low power equipment constructed before 1946." But the rules that I just printed out say, "Contest designed to favor those using low power and equipment constructed earlier than 1950." Also, the rules sheet says that a MODern piece of equipment is defined as "after 1950" gear.

I'd like to know: 1) is the cutoff year 1946 or 1950? 2) what about equipment built in the cutoff year? Is it MOD or is it OT (old time)?

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I'd like to know if 20 meter operation is included or not.

Jim Hanlon, W8KGI

5295. Re: [AWA Group] Lunc Cundal Confusion

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 18:38:59 UTC
From: Bill Stewart
Topic: 5293 Message: 5295

Jim, I forwarded your msg to Mike, WU2D....73, Bill K4JYS

----- Original Message -----
From: "JAMES HANLON" <knjhanlon@...>
To: "AWA Group" <awagroup@yahoogroups.com>, w1gig@...
Sent: Wednesday, January 18, 2012 1:20:32 PM
Subject: [AWA Group] Lunc Cundal Confusion

Y'all,

I'm somewhat confused about the Lunc Cundal Memorial CW Contest, starting today.

The announcement on the AWA website and in the October 2011 AWA Journal says the contest is "designed to favor those using low power equipment constructed before 1946." But the rules that I just printed out say, "Contest designed to favor those using low power and equipment constructed earlier than 1950." Also, the rules sheet says that a MODern piece of equipment is defined as "after 1950" gear.

I'd like to know: 1) is the cutoff year 1946 or 1950? 2) what about equipment built in the cutoff year? Is it MOD or is it OT (old time)?

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I'd like to know if 20 meter operation is included or not.

Jim Hanlon, W8KGI

5296. Re: [AWA Group] Lunc Cundal Confusion

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 18:42:58 UTC
From: N1BUG
Topic: 5293 Message: 5296

Sorry Jim, I can't help but I would like to know the answers too. Especially the one concerning 20 meters!

I still have some wiring to do but right now it looks like I will be ready for tonight.

73,
Paul N1BUG

On 01/18/2012 01:20 PM, JAMES HANLON wrote:

Y'all,

I'm somewhat confused about the Lunc Cundal Memorial CW Contest, starting today.

The announcement on the AWA website and in the October 2011 AWA Journal says the contest is "designed to favor those using low power equipment constructed before 1946." But the rules that I just printed out say, "Contest designed to favor those using low power and equipment constructed earlier than 1950." Also, the rules sheet says that a MODern piece of equipment is defined as "after 1950" gear.

I'd like to know: 1) is the cutoff year 1946 or 1950? 2) what about equipment built in the cutoff year? Is it MOD or is it OT (old time)?

Also the announcements in the AWA Journal, on the web page, and on the top of the Rules page say the contest is for 160, 80 and 40 meters. But later on, the Rules page specifies frequencies for 20 meters (14060 - 14070) and it suggests that contacts on 20 and 160 beconcentrated on the hour.

I'd like to know if 20 meter operation is included or not.

Jim Hanlon, W8KGI

5297. Re: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 21:07:53 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5297

> The basic mixer tube AM transmitter deal is built. (6SA7) All done. Now I
> have to come up with a buffer /rf amp going out and a speech amp going in.
> I have a 6SL7 here (probably a 6SN7 too somewhere) I wonder if I can come
> up with using one half for the speech amp and the other for rf amp/buffer.

Two reasons I wouldn't do that. First, you are almost certain to get RF from the RF triode into the audio triode. I'd be really surprised if you got away with it. Next, if you use a triode RF amplifier you'll have to neutralize it, which adds complexity. I'd use a pentode like a 6AC7 or 6AG7 for the RF amp (or a 6AU6 or 6CL6, if you can deal with miniature tubes). Those are all "well-screened" (low Cgp) tubes which therefore do a good job preventing feedback from plate to grid, and are good at HF. You certainly could use one or both sections of the 6SL7 in the speech amp, otherwise.

> Then drive a 6v6 for a RF PA and use all that to drive my larger PA.

OK, but you may need to neutralize the 6V6, because the Cgp is pretty high. You might get away without it, but I'd be safe and use a 6AG7 here too. It's actually capable of as much output as the 6V6, and they are quite plentiful (cheap). They are also capable of higher gain per stage than a 6V6.

What kind of tube are you planning for the final PA? You are going to need something like 3 parallel 6146s to get you to the 25W carrier output class.

Let's see - you'll need a tuned circuit between the 6SA7 and 1st stage, between the 1st stage and driver, between the driver and the PA, and between the PA and antenna. That's 4 tuned circuits to deal with.

>I
> only need a triode for my speech amp since the only mics I have are single
> button Carbons. I will check it all over before the smoke test. Reason I
> built it is I had to buy absoutley nothing. Had it all "IN STOCK"It should
> cover 80 and 40 and 30 too (although that doesnt do any good .) I whip a
> key jack on it somewhere too. Tis a tiny lttle deal considering it is
> using octal tubes.
> Don VE3LYX

Good Luck,
-Larry/NE1S

5298. Re: [AWA Group] eBay for Lou -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 21:25:06 UTC
From: Louis Vermond
Topic: 5280 Message: 5298

Tks Mike, saw that. 73, Lou

5299. Ready

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 21:46:31 UTC
From: N1BUG
Topic: 5299 Message: 5299

The temporary power supply is properly mated to the rig, and not a clip lead anywhere! The new room lighting is finally finished. I have it adjusted bright enough to see controls and all the places B+ will be lurking, but not so bright as to spoil the warm glow of the UX-210. The rig is all tuned up on 80 meters, but can also work 40 and 20. It could produce a somewhat wobbly signal on 160 but I'm not planning that tonight. I probably won't stay up late but will be around for a few hours, during which time I hope to make a few contacts!

By the way, I heard W1ZB testing on 160 meters a few minutes ago. Big signal!

73,
Paul, N1BUG

5300. RE: [AWA Group] eBay for Lou -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 21:51:48 UTC
From: Mike Feher
Topic: 5280 Message: 5300

By now, about time -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, January 18, 2012 4:25 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay for Lou -

Tks Mike, saw that. 73, Lou

5301. [Fwd: [Glowbugs] FS: Antique NOS, 4-pin tube sockets etc. etc.]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-18 23:47:26 UTC
From: ne1s@securespeed.us
Topic: 5301 Message: 5301

These look like parts that several on this reflector might be glad to get, and at what I consider to be reasonable prices.

Reposted from the Glowbugs list - I hope this is OK. If not, someone "in charge" can let me know and I won't do it again.

No connection with the seller, etc, etc., so deal at your own risk.

73 and happy hunting,
-Larry/NE1S

---------- Original Message ----------
Subject: [Glowbugs] FS: Antique NOS, 4-pin tube sockets etc. etc.
From: "Bry Carling" <bcarling@...>
Date: Wed, January 18, 2012 5:53 pm
To: dcboatanchors@...
EICO7@yahoogroups.com
FLBOATANCHORS@yahoogroups.com
Galaxy-WRL@yahoogroups.com
tetrode@...

FOR SALE: New Old Stock (NOS) tube sockets and a nice MIC cable

Single large, flat contact, Ceramic 4 pin socket NOS.
Outer diameter abt 3.5" with metal bayonet for approx 1.75" diameter tube base.
Presumably for 211 type tubes, best that I remember.
QTY 2 NOS sockets available... picture here:
http://www.af4k.com/imag/ham/Single_4pin_socket.jpg
Will sell for $6.00 plus shipping

Pair of large, flat contact, ceramic 4 pin sockets NOS.
Outer diameter abt 3.5" with metal bayonet for 1.75" diameter tube base.
Presumably for 211 type tubes, best that I remember.
QTY 2 NOS sockets available... picture here:
http://www.af4k.com/imag/ham/Two_ceramic_4pin_sockets.jpg
Will sell the pair for $12.00 plus shipping

Single Ceramic Bayonet Socket, NOS, smaller. BIRNBACH No. 435.
Outer diameter 2.5" with metal bayonet for approx 1.25" diameter tube base.
QTY 1 NOS socket available... (two more of the same below) picture here:
http://www.af4k.com/imag/ham/Single_ceramic_bayonet.jpg
Will sell for $6.00 plus shipping

Pair of Ceramic Bayonet Sockets by NATIONAL CO. (NC logo), NOS.
Outer diameter 2.5" with metal bayonet for approx 1.25" diameter tube base.

QTY 1 NOS socket available... (same size as single one above) picture here:
http://www.af4k.com/imag/ham/Two_ceramic_bayonet_sockets.jpg
Will sell for $6.00 plus shipping

Group of FIVE NOS Bakelite, 4-pin Tube sockets - unused.
These are all made for 4-pin sube sin various styles. Two have bayonet fittings, the other three do not. These are great for breadboard construction or
for repairing antique radios.
Picture here:
http://www.af4k.com/imag/ham/4-pin_Tube_Sockets.jpg
Will sell all five as a group for $15.00 plus shipping

Microphone Cable assembly for older ham transmitters - with classy, in-line Binding
post/Banana jack connector. Shielded cable is 36 inches long. Looks new. See pictures here:
http://www.af4k.com/imag/ham/cable1.jpg
http://www.af4k.com/imag/ham/cable2.jpg
Available for $5.00 plus shipping

Antique Dual Bakelite connector assembly NOS. Dimensions 2-7/8" X 2-5/8"
Has two 4-pin receptacles, and one plug. Mounting holes. Model 14213-6 unused.
Photo here:
http://www.af4k.com/imag/ham/dual_socket.jpg
QTY 1 available for $5.00 plus shipping

QTY 1 James Millen Co. type 37303 ceramic 3-way terminal strip. For connecting external
wiring.
Lightly used and in excellent condition. Dimensions 2.25" X 0.5" - there is nothing quite like
these for a professional finish to any receiver or transmitter.
Photo here:
http://www.af4k.com/imag/ham/millen_strip.jpg
QTY 1 available for $5.00 plus shipping

QTY 1 - Right Angle Drive assembly. Military Surplus type MC-203-A Dual 90 degree,
3-way, antique drive assembly, with small gears inside.
Black wrinkle finish. Looks like 3 type N connectors but if you look inside there are gears.
NOS. Base dimensions 2.5" X 2" and the connectors each protrude 9/16"
Has two 3 threaded receptacles, and has four mounting holes. New and unused. Also
stamped AC58139 underneath. Does anyone know what equipment this is from?!
Photo here:
http://www.af4k.com/imag/ham/MC-203-A.jpg
QTY 1 available for $4.00 plus shipping

I still have just a few 807 tubes left if anybody needs them.

73 & thanks for looking - Bry, AF4K

--

5302. Re: [AWA Group] [Fwd: [Glowbugs] FS: Antique NOS, 4-pin tube sockets etc. etc.]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-19 00:14:09 UTC
From: Eddy Swynar
Topic: 5301 Message: 5302

Hi Larry,

I was gonna do the exact same thing here...!

Prof positive, surely, that great minds think alike, Hi Hi.

~73~ de Eddy VE3CUI - VE3XZ

****
*

On 2012-01-18, at 6:47 PM, ne1s@... wrote:

> These look like parts that several on this reflector might be glad to get,
> and at what I consider to be reasonable prices.
>
> Reposted from the Glowbugs list - I hope this is OK. If not, someone "in
> charge" can let me know and I won't do it again.
>
> No connection with the seller, etc, etc., so deal at your own risk.
>
> 73 and happy hunting,
> -Larry/NE1S
>
> ---------- Original Message ----------
> Subject: [Glowbugs] FS: Antique NOS, 4-pin tube sockets etc. etc.
> From: "Bry Carling" <bcarling@...>
> Date: Wed, January 18, 2012 5:53 pm
> To: dcboatanchors@...
> EICO7@yahoogroups.com
> FLBOATANCHORS@yahoogroups.com
> Galaxy-WRL@yahoogroups.com
> tetrode@...
> ---
>
> FOR SALE: New Old Stock (NOS) tube sockets and a nice MIC cable
>
> Single large, flat contact, Ceramic 4 pin socket NOS.
> Outer diameter abt 3.5" with metal bayonet for approx 1.75" diameter tube
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> Presumably for 211 type tubes, best that I remember.
> QTY 2 NOS sockets available... picture here:
> http://www.af4k.com/imag/ham/Single_4pin_socket.jpg
> Will sell for $6.00 plus shipping
>

> Pair of large, flat contact, ceramic 4 pin sockets NOS.
> Outer diameter abt 3.5" with metal bayonet for 1.75" diameter tube base.
> Presumably for 211 type tubes, best that I remember.
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> Single Ceramic Bayonet Socket, NOS, smaller. BIRNBACH No. 435.
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> Pair of Ceramic Bayonet Sockets by NATIONAL CO. (NC logo), NOS.
> Outer diameter 2.5" with metal bayonet for approx 1.25" diameter tube base.
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> Group of FIVE NOS Bakelite, 4-pin Tube sockets - unused.
> These are all made for 4-pin sube sin various styles. Two have bayonet
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> for repairing antique radios.
> Picture here:
> http://www.af4k.com/imag/ham/4-pin_Tube_Sockets.jpg
> Will sell all five as a group for $15.00 plus shipping
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> Microphone Cable assembly for older ham transmitters - with classy,
> in-line Binding
> post/Banana jack connector. Shielded cable is 36 inches long. Looks new. See
> pictures here:
> http://www.af4k.com/imag/ham/cable1.jpg
> http://www.af4k.com/imag/ham/cable2.jpg
> Available for $5.00 plus shipping
>
> Antique Dual Bakelite connector assembly NOS. Dimensions 2-7/8" X 2-5/8"
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> unused.
> Photo here:
> http://www.af4k.com/imag/ham/dual_socket.jpg
> QTY 1 available for $5.00 plus shipping
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> QTY 1 James Millen Co. type 37303 ceramic 3-way terminal strip. For
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> wiring.
> Lightly used and in excellent condition. Dimensions 2.25" X 0.5" - there
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> these for a professional finish to any receiver or transmitter.
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> QTY 1 - Right Angle Drive assembly. Military Surplus type MC-203-A Dual 90
> degree,
> 3-way, antique drive assembly, with small gears inside.
> Black wrinkle finish. Looks like 3 type N connectors but if you look
> inside there are gears.
> NOS. Base dimensions 2.5" X 2" and the connectors each protrude 9/16"
> Has two 3 threaded receptacles, and has four mounting holes. New and
> unused. Also
> stamped AC58139 underneath. Does anyone know what equipment this is from?!
> Photo here:
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> QTY 1 available for $4.00 plus shipping
>
> I still have just a few 807 tubes left if anybody needs them.
>
> 73 & thanks for looking - Bry, AF4K
>
> --
>
>

5303. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-19 16:44:23 UTC
From: Don Dulmage
Topic: 5244 Message: 5303

Thanks Larry ,
So I could drive a 6ag7 with my am basic rig and use that to drive three paralell 6146s? How about 2 of them.(14 to15W out?) I can deal with that easily. I may have some 6AG7s in stock. If I want it period correct I could go to 807s maybe? And the use the 6sl7 or its cousin for a speech amp with the option of using 1 stage for carbon. Two for crystal or dynamc. I have room for 4 tubes in my chassis yet. Tank circuits(LC rf circuits)are my life. I just love em. Always have.
Eventually something here is getting an 813.
So well we are on the AM subject but on another vein; what about plate modulating my 50l6 rock bound rig with another 50L6.(using my favourite electro mech carbon mike circuit ahead of it.) I have room, I have the right power everywhere and I am very comfy with these tubes and the 50C6 as well. The rig works just excellant as a CW rig with a pretty good stomp all considered. and I think I have all I need right in stock. And I have still the mike input jack from my Screen modulation experiments with an ingition coil. It is my understanding and it might be wrong that with plate modulation I do not steal from output to modulate. (I dont reduce screen voltage the amount of ac audio I add like with screen or other alternative methods) The rf section still runs full tilt. Am I off track here or what?
Thanks again for your always good AM guidance.
Don VE3LYX
Still pounding brass. (OK, wood) on 10040 + or -2 or 3 kcs if nescesary. usually just before meal times.

5304. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-19 20:44:17 UTC
From: Don Dulmage
Topic: 5244 Message: 5304
Attachments: 2 described; binary payloads are missing from this source WARC

Here is three of the LC tanks.two in the PA and the VFO one in the Am rig. The 5 tuber is the new AM rig under construction and the tall boys 6l6 amp I have had on the side now for a bit. Working on it when feel like it. It has room for 4 tall boys if necessary and I designed it to be modular. Easy to add tubes and all tube assemblies have all their underwiring complete so they just need to be a few connections at the common terminal strip. .So I have to begin the new tube hunt. 6AG7s. I am still not sure about if I want 50s tubes.(6146) I am thinking. MM
Don Ve3LYX

5305. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-19 21:40:50 UTC
From: jon_ab9zg
Topic: 5244 Message: 5305

If you want a tetrode older and more durable than the 6146, and more powerful than an 807, perhaps consider the 814. Grid modulated with 1000 volts on the plate it will put out 25 watts. Plate modulated, it will put 87 watts.

5306. LC - That was fun!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-19 22:06:54 UTC
From: N1BUG
Topic: 5306 Message: 5306

Having missed the recent Bruce Kelley party, this was my first big trial run. Prior to last night, I had a grand total of three QSOs with the TNT, all on 80 meters and all with Lou. :-)

During the first couple of hours on 80 meters, the wind was doing its best to run me off (frequency)! Nevertheless I managed a few QSOs despite the band being very crowded due to another contest. I was tired from a week of antenna work and quit around 0400z. From what I recall of last year as a SWL, activity was very low. Perhaps everyone is waiting for the second round?

Up before dawn, I found one more 80 meter QSO, then switched to 40. Surprise! One of my old 2 meter EME buddies was calling AWA! I was excited to put him in the log moments after my sunrise. I had other things competing for my time today, but made it back to the rig around 1930z to find one more 40 meter QSO. The rig growls on this band, no matter what.

Taking a moment to check 20 meters, I heard a couple of stations there making an AWA QSO. I hastily powered down and changed coils. Upon firing up on 20, I found the rig was not sounding anywhere near as good as it had during prior testing on this band. I managed to work the two stations I'd heard there, all the while randomly bouncing around in frequency a fair bit. Upon subsequent investigation, this was a matter of inadvertent slight over-coupling. It has to be "just so" to sound right on this band. Re-adjusting resulted in a much more steady signal. I wish I had taken time to verify proper loading before making any QSOs! Ah well... next time. :-)

All in all I managed only 12 QSOs but it was great fun! I will be back Saturday night!

73,
Paul N1BUG

5307. Re: Lunc Cundal Confusion

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-19 22:55:54 UTC
From: Don Dulmage
Topic: 5293 Message: 5307

I have tested on 80M . 3555kcs. Good to go. I might throw in the Wiggle Rock later so I can roam a bit.
Using the 50C6 rig and rockbound but I am using the "Woodpecker" to send . I hope thats legal!
Listening on the Twinplex 12sl7 rig.
Don Ve3LYX

5308. Re: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-19 22:59:13 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5308

> Thanks Larry ,
> So I could drive a 6ag7 with my am basic rig and use that to drive three
> paralell 6146s?

Yep, depending on the output capability of the "basic AM rig." If you are talking about the screen-modulated 50L6 deal, I think that would work well - but whether you get enough drive from it to get 25W of carrier out of the set-up is difficult to say (I don't know exactly how much output you have from the 50L6.) If you are talking about the 6SA7 modulated stage I think you'd need at least one more stage of linear amplification (I had suggested another 6AG7 stage.)

> How about 2 of them.(14 to15W out?) I can deal with that
> easily.

Yeah, probably about that.

> I may have some 6AG7s in stock. If I want it period correct I
> could go to 807s maybe?

Sure, but the output will be slightly less. Nothing the op on the other end is going to notice, though,

> And the use the 6sl7 or its cousin for a speech
> amp with the option of using 1 stage for carbon. Two for crystal or
> dynamc. I have room for 4 tubes in my chassis yet. Tank circuits(LC rf
> circuits)are my life. I just love em. Always have.

OK! I spent this morning playing with a pi-network output tank for a pair of 7894s in linear service. This is part of a project I started 3 or 4 years ago and then shelved until last week. It's a junker Central Electronics 20A (a phasing-type SSB exciter from about 1953). Originally had a pair of, of all things, 6AG7s in the output and would produce about 12W PEP to feed into a linear amp. I wanted to see if I could make modifications to the output stage and power supply to get something in the 40-60W PEP range from it. Well, I wasn't having much luck until I abandoned the original output network and started playing around with a pi-net and it's component values. Once I did that I was getting about 60W out on 80M, but only about 20W out on 20M - it's starved for drive, and there is less of it on the higher bands. So I'll be converting the cathode-follower driver to a more conventional grounded-cathode stage. Probably a lot more than you wanted to know.

> Eventually something here is getting an 813.
> So well we are on the AM subject but on another vein; what about plate
> modulating my 50l6 rock bound rig with another 50L6.(using my favourite
> electro mech carbon mike circuit ahead of it.) I have room, I have the

> right power everywhere and I am very comfy with these tubes and the 50C6
> as well. The rig works just excellant as a CW rig with a pretty good
> stomp all considered. and I think I have all I need right in stock. And I
> have still the mike input jack from my Screen modulation experiments with
> an ingition coil. It is my understanding and it might be wrong that with
> plate modulation I do not steal from output to modulate. (I dont reduce
> screen voltage the amount of ac audio I add like with screen or other
> alternative methods) The rf section still runs full tilt. Am I off track
> here or what?

No, you are not off track - you are absolutely correct. As long as you have enough drive to the final (it needs enough drive to still be in saturation on positive peaks, i.e. at 2X resting plate voltage), the AM carrier output will be equal to the CW output. If you are modulating an oscillator (I think the 50L6 rig is just a single-stage XTAL osc., correct?) you should meet that condition easily. So, you are talking about single-ended Heising modulation. You'll need an audio choke with lots of henrys and that can pass the DC current, and there are some tricks I can pass along later that will make it more workable. For now I'd say you want to use a pair of 50L6s in parallel in the modulator, as they are running class A and will not be as efficient as the modulated RF tube which will be running class C. One 50L6 won't be able to develop the audio power you need for 100% modulation. In theory the peak audio OUTPUT power from the modulator needs to be one-half the DC INPUT power to the modulated "stage." In practice you want this plus a comfort factor of between 1.5-2, so you don't flat-top on assymmetric positive peaks.

> Thanks again for your always good AM guidance.

You're welcome. I'm glad my esoteric knowledge is useful to someone ;-)

> Don VE3LYX

> Still pounding brass. (OK, wood) on 10040 + or -2 or 3 kcs if nescesary.
> usually just before meal times.

Err., hope you mean 10140 Kc! Any contacts yet?

73/GL,
-Larry/NE1S

5309. Re: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-19 23:15:42 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5309

> If you want a tetrode older and more durable than the 6146, and more
> powerful than an 807, perhaps consider the 814. Grid modulated with 1000
> volts on the plate it will put out 25 watts. Plate modulated, it will put
> 87 watts.
>
>

Yep. And if it puts out 25W with grid modulation, it will do the same with screen modulation, or as a linear amplifier for an AM input signal. They are all so-called "efficiency modulation" techniques, effectively.

Nice tube, but be careful around 1000V, please!

73,
-Larry/NE1S

5310. Re: [AWA Group] LC - That was fun!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-19 23:20:16 UTC
From: ne1s@securespeed.us
Topic: 5306 Message: 5310

> Upon firing up on 20, I found the rig was not sounding
> anywhere near as good as it had during prior testing on this
> band. I managed to work the two stations I'd heard there, all
> the while randomly bouncing around in frequency a fair bit.
> Upon subsequent investigation, this was a matter of
> inadvertent slight over-coupling. It has to be "just
> so" to sound right on this band. Re-adjusting resulted in a much
> more steady signal. I wish I had taken time to verify proper
> loading before making any QSOs! Ah well... next time. :-)
>

There! you have already written your response to the OO reports, all set
to go ;-)

73,
-Larry/NE1S

...who will try to make a LC appearance this weekend.

5311. HBR Receiver: ALERT

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-20 20:37:24 UTC
From: Eddy Swynar
Topic: 5311 Message: 5311

Hi Guys,

For anyone contemplating the construction of Ted Crosby's HBR receiver:

http://www.ebay.com/itm/Miller-Coils-5495-BC-SW-160-80-40-20-15-10-Meter-HBR-Ham-Homebrew-Radio-Receiver-/110810809046?pt=LH_DefaultDomain_0&hash=item19ccd6c2d6#ht_500wt_1413

~73~ de Eddy VE3CUI - VE3XZ

5312. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-20 21:19:45 UTC
From: Don Dulmage
Topic: 5244 Message: 5312

"Err., hope you mean 10140 Kc! Any contacts yet?"
Sorry,I meant 10104. Nope nothing yet. When it is cold like today the old 56 tube doesnt like to work till it is rally warm. I suspect the problem is really in the PS from measurments I have made. Probably one of the caps in the B + trying to dy. it is definatley affected by extreme cold in the shack. Anyway I gave up on the 30M and moved it to 40 this afternoon. 7103 to be exact. It is kind of a flea power deal BUT I have a 58 tube also installed and partly wired to give it some poke. It is my I'll do this while I am thinking job. No particular rush. It will also be the receiver portions Af amp. I believe I have figured out how to to this without too much complication. I bought the exta switch today sonce the cupboard was bare.
BTW 6AG7s are on their way. Should be here Monday. Tube sockets are in a partially wired. Also did a wee bit towards making the PA tank in the set itself. Gonna fire up the bird house POW deal tonite and listen around. The stupid thing facinates me. (I s'pose it doesnt take much.;<)
Don Ve3LYX

5313. 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-20 22:49:41 UTC
From: ve7sl@shaw.ca
Topic: 5244 Message: 5313

Hi Larry - I was talking with Lou about my tri-tet tests and various configurations / tubes I have been using to try and get some useful power output (at least 1 W...2W would be better than hoped for) on 10m CW, using a 40m xtal. I have been experimenting with the metal 6L6, the RK-39 and lastly the 6AG7. I had just commented to Lou that it would be wonderful if there were a slightly higher-power version of the 6AG7 as it's architecture is so wonderful for crystal oscillators...and who better to ask than yourself. I'm not aware of anything in particular that would put me in a similar power range tri-te configuration as the 6L6 will yield...the best I can do with it is 2.5W of spectrally-clean 10m RF but very chirpy. To reach acceptable keying I can only get 1W out on 10...not bad but that extra 3 db would be nice!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5314. Re: [AWA Group] 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-21 12:29:11 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5314
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Steve,

Unfortunately I'm not aware of a higher-power version of
the 6AG7. Maybe run a pair in parallel?

Lately I've been searching for
low-Cgp, high-gain beam tetrodes for potential use in my QRO CE20A project
that I mentioned on here the other day. I've found some among tubes usually
employed as RF power amplifiers in VHF gear, such as the 5894 and 7894.
Those would probably do what you want, but they are more modern tubes.

73
ES GL,

-Larry/NE1S

On Fri, 20 Jan 2012 14:49:41 -0800, wrote:

Hi Larry - I was talking with Lou about my tri-tet tests and various

configurations / tubes I have been using to try and get some useful power

output (at least 1 W...2W would be better than hoped for) on 10m CW, using
a
40m xtal. I have been experimenting with the metal 6L6, the RK-39 and
lastly
the 6AG7. I had just commented to Lou that it would be wonderful
if there
were a slightly higher-power version of the 6AG7 as it's
architecture is so
wonderful for crystal oscillators...and who better to
ask than yourself. I'm
not aware of anything in particular that would put
me in a similar power
range tri-te configuration as the 6L6 will
yield...the best I can do with it
is 2.5W of spectrally-clean 10m RF but
very chirpy. To reach acceptable
keying I can only get 1W out on 10...not
bad but that extra 3 db would be
nice!

Steve

5315. Re: [AWA Group] 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-21 12:35:42 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5315

I had meant 7984, not 7894.

Not awake yet...

73,

-Larry/NE1S

On
Sat, 21 Jan 2012 07:29:11 -0500, wrote:

tubes usually employed as
RF power amplifiers in VHF gear, such as the 5894 and 7894.

5316. Re: [AWA Group] 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-21 17:53:30 UTC
From: ve7sl@shaw.ca
Topic: 5244 Message: 5316

> Unfortunately I'm not aware of a higher-power version of
> the 6AG7. Maybe run a pair in parallel?

Thanks Larry...I really didn't think there were any but thought I would ask. Parallel is not an option as it will be in tri-tet operation and I wish to preserve the look of the late '30's as well. I've been playing with a tri-tet version that takes the xtal L-C tank and moves it from the cathode to the screen, which supposedly produces stronger harmonic content as the desired harmonics do not have to pass through the cathode tank enroute to the plate tank but have not found it to be a good performer as of yet. It keys well but the 4th harmonic output is still too low. It looks like the good old 6L6 may yet win out.

>such as the 5894 and ...

What a superb tube and much ignored by the amateur community although a few commercially built rigs discovered its good performance. Back in the early 70's I built amplifiers for both 6m and 2m (parallel lines) and both easily put out 100W without even hesitating...almost like two 6146's in one package.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5317. Maritime Morse is Still Alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-21 20:46:41 UTC
From: Bill Stewart
Topic: 5317 Message: 5317

Good afternoon all,

I recently read an article in the Jan 2012 Electric Radio about KPH, the RCA Pacific Coast Maritime radio station. Very interesting and the article lead me to the Maritime Radio Historical Society web page. Boy, if you have any interest in KPH, its history (goes back to 'PH' in 1905), recordings of traffic, SOS traffic, lots of pix and stories....go there and take a look. The station is still on the air using the call of KSM and using the same xmtrs in use before the shutdown. I've been listening to it this afternoon on several frequencies (listed in the web info). Sigs are good on 12993, 16914 & 22445.8 kc in NC (numerous other freqs are in use). The usual hours of operation are on Saturdays from 17-2300 Z. They have been sending press at about 25wpm and now listening for ship traffic...just like they did before 1997 . I remember copying (more like trying to copy, at 25wpm..at least I could copy the markers) them and other ship stns yrs ago. The MRHS also operates K6KPH during numerous events during the year. The press/wx BC are great for cw practice...check 'em out.

73 de Bill K4JYS

5318. Re: [AWA Group] Maritime Morse is Still Alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-21 21:20:30 UTC
From: Louis Vermond
Topic: 5317 Message: 5318

WOW, what a site and endeavour. Mny tks, Bill.

Hope to wrk u tonite, Lou

----- Original Message -----
From: Bill Stewart
To: AWA Group
Sent: 2012-01-21 3:46 PM
Subject: [AWA Group] Maritime Morse is Still Alive

Good afternoon all,

I recently read an article in the Jan 2012 Electric Radio about KPH, the RCA Pacific Coast Maritime radio station. Very interesting and the article lead me to the Maritime Radio Historical Society web page. Boy, if you have any interest in KPH, its history (goes back to 'PH' in 1905), recordings of traffic, SOS traffic, lots of pix and stories....go there and take a look. The station is still on the air using the call of KSM and using the same xmtrs in use before the shutdown. I've been listening to it this afternoon on several frequencies (listed in the web info). Sigs are good on 12993, 16914 & 22445.8 kc in NC (numerous other freqs are in use). The usual hours of operation are on Saturdays from 17-2300 Z. They have been sending press at about 25wpm and now listening for ship traffic...just like they did before 1997. I remember copying (more like trying to copy, at 25wpm..at least I could copy the markers) them and other ship stns yrs ago. The MRHS also operates K6KPH during numerous events during the year. The press/wx BC are great for cw practice...check 'em out.

73 de Bill K4JYS

5319. Re: [AWA Group] Maritime Morse is Still Alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-21 21:29:16 UTC
From: Bill Stewart
Topic: 5317 Message: 5319

Roger, Lou. Just a short while ago, they sent a traffic list...it included KHAQQ..you remember 'her' call don't you?... among many other calls. I'm gonna try to be on 160 with the Meissner for a bit, early and then maybe to 80m. Last night, on 160, I worked a stn in GA and two in VA with the Meissner so maybe I can be heard up north tonite. Hope the QRN is not too bad...Bill

----- Original Message -----

From: "Louis Vermond" <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, January 21, 2012 4:20:30 PM
Subject: Re: [AWA Group] Maritime Morse is Still Alive

□
WOW, what a site and endeavour. Mny tks, Bill.

Hope to wrk u tonite, Lou

----- Original Message -----
From: Bill Stewart
To: AWA Group
Sent: 2012-01-21 3:46 PM
Subject: [AWA Group] Maritime Morse is Still Alive

Good afternoon all,

I recently read an article in the Jan 2012 Electric Radio about KPH, the RCA Pacific Coast Maritime radio station. Very interesting and the article lead me to the Maritime Radio Historical Society web page. Boy, if you have any interest in KPH, its history (goes back to 'PH' in 1905), recordings of traffic, SOS traffic, lots of pix and stories....go there and take a look. The station is still on the air using the call of KSM and using the same xmtrs in use before the shutdown. I've been listening to it this afternoon on several frequencies (listed in the web info). Sigs are good on 12993, 16914 & 22445.8 kc in NC (numerous other freqs are in use). The usual hours of operation are on Saturdays from 17-2300 Z. They have been sending press at about 25wpm and now listening for ship traffic...just like they did before 1997. I remember copying (more like trying to copy, at 25wpm..at least I could copy the markers) them and other ship stns yrs ago. The MRHS also operates K6KPH during numerous events during the year. The press/wx BC are great for cw practice...check 'em out.

73 de Bill K4JYS

5320. Re: [AWA Group] Maritime Morse is Still Alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-21 21:34:56 UTC
From: Louis Vermond
Topic: 5317 Message: 5320

Rober, Bill.

I'll be on 80... Lou

----- Original Message -----
From: Bill Stewart
To: AWAGroup@yahoogroups.com
Sent: 2012-01-21 4:29 PM
Subject: Re: [AWA Group] Maritime Morse is Still Alive

Roger, Lou. Just a short while ago, they sent a traffic list...it included KHAQQ..you remember 'her' call don't you?... among many other calls. I'm gonna try to be on 160 with the Meissner for a bit, early and then maybe to 80m. Last night, on 160, I worked a stn in GA and two in VA with the Meissner so maybe I can be heard up north tonite. Hope the QRN is not too bad...Bill

---

From: "Louis Vermond" <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, January 21, 2012 4:20:30 PM
Subject: Re: [AWA Group] Maritime Morse is Still Alive

□

WOW, what a site and endeavour. Mny tks, Bill.

Hope to wrk u tonite, Lou

----- Original Message -----
From: Bill Stewart
To: AWA Group
Sent: 2012-01-21 3:46 PM
Subject: [AWA Group] Maritime Morse is Still Alive

Good afternoon all,

I recently read an article in the Jan 2012 Electric Radio about KPH, the RCA Pacific Coast Maritime radio station. Very interesting and the article lead me to the Maritime Radio Historical Society web page. Boy, if you have any interest in KPH, its history (goes back to 'PH' in 1905), recordings of traffic, SOS traffic, lots of pix and stories....go there and take a look. The station is still on the air using the call of KSM and using the same xmtrs in use before the shutdown. I've been listening to it this afternoon on several frequencies (listed in the web info). Sigs are good on 12993, 16914 & 22445.8 kc in NC (numerous other freqs are in use). The usual hours of operation are on Saturdays from 17-2300 Z. They have been sending press at about 25wpm and now listening for ship traffic...just like they did before 1997. I remember copying (more like trying to copy, at 25wpm..at least I could copy the markers) them and other ship stns yrs ago. The MRHS also

operates K6KPH during numerous events during the year. The press/wx BC are great for cw practice...check 'em out.

73 de Bill K4JYS

5321. Tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-21 22:01:22 UTC
From: N1BUG
Topic: 5321 Message: 5321

I will give a listen on 160 and 40 in the first hour or so. I've reconsidered my position on 160 with the temporary coil. If I hear anyone there I will fire up. I may even put out a call or two, but I will be below 1810. After the first hour or so I will be on 80. Let's hope conditions hold up. We are expecting a solar wind shock (CME arrival) sometime tonight or tomorrow that may adversely affect HF propagation.

73,
Paul N1BUG

5322. Re: 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-21 22:21:10 UTC
From: Don Dulmage
Topic: 5244 Message: 5322

I had to take my 1 tube transcver in for warranty repair. During calling CQ I had an arc-over from the tip of the key to the hombrew rf choke. I had something goofy happen before but when I unhooked everyhing it vanished. This time I found it. Barley visable. Went on a hunt with the voltmeter. That is how I found it. Back in business now . Went back to 10M for a test. Was it ever a hot band today. More activity then I ever heard. My little pipsqueak wasnt even worth trying. HOWEVER I have installed a 58 tube for AF and RF switchable PA. I have wired the filaments , installed the AF/RF swtich and begunfthe wiring. The grid cap was first. next the supressor to grd I guess. I have the cap feeding the PA grd from the osc (56 tube) plate. It will be next. Then the screen screen resistor and plate power. I guess I willl have to make another RFC. And then the cathode circuit. Then I will have to wire the AF circuit too. I dont know what I will get for power . Never used a 58 tube before. It came out of the same radio the 56 tube did. Hope they like working together again.
The new AM rig is now partly wired.The 6AG7s should be here monday. $8 each. Not bad! I bought 3 so I may rewire the linear to take a 6ag7 in place of its 6v6 driver.
Don VE3LYX

5323. Re: [AWA Group] 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-21 22:57:36 UTC
From: N1BUG
Topic: 5244 Message: 5323

>> such as the 5894 and ...
>
> What a superb tube and much ignored by the amateur community although a few
> commercially built rigs discovered its good performance. Back in the early
> 70's I built amplifiers for both 6m and 2m (parallel lines) and both easily
> put out 100W without even hesitating...almost like two 6146's in one
> package.

I built a 2m driver stage with a 5894 around 1990 plus or minus a
couple years. It happily cranked out 100W for years. I still have
some remnants of my VHF days that use that tube... a Hallicrafters
HA-6 6m transverter, a HA-2 2m transverter that has been converted
to 222 MHz, and my pride and joy (sadly collecting dust now) a much
modified Swan TV-2 2m transverter.

73,
Paul N1BUG

5324. Re: [AWA Group] 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 00:49:15 UTC
From: ve7sl@shaw.ca
Topic: 5244 Message: 5324

>... a Hallicrafters
> HA-6 6m transverter, a HA-2 2m transverter that has been converted
> to 222 MHz, and my pride and joy (sadly collecting dust now) a much
> modified Swan TV-2 2m transverter.

those were the days!

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5325. Re: [AWA Group] Re: 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 01:24:43 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5325
Attachments: 1 described; binary payloads are missing from this source WARC

On Sat, 21 Jan 2012 17:21:10 -0500, Don Dulmage wrote:

HOWEVER I
have installed a 58 tube for AF and RF switchable PA. I have wired the filaments , installed the AF/RF swtich and begunfthe wiring. The grid cap was first. next the supressor to grd I guess. I have the cap feeding the PA grd from the osc (56 tube) plate. It will be next. Then the screen screen resistor and plate power. I guess I willl have to make another RFC. And then the cathode circuit. Then I will have to wire the AF circuit too. I dont know what I will get for power . Never used a 58 tube before. It came out of the same radio the 56 tube did. Hope they like working together again. The new AM rig is now partly wired.The 6AG7s should be here monday. $8 each. Not bad! I bought 3 so I may rewire the linear to take a 6ag7 in place of its 6v6 driver.

Hi Don,

The 58 isn't a power amplifier tube
- it's a remote-cutoff pentode that was used for small-signal RF and IF amplification. I'm not sure if you'll notice any significant increase in power output over your 56 oscillator - you may even see a reduction. You would want to use the audio power output tube from that donor set as the PA - perhaps it was a 59 or 2A5?

In any case, let us know your results.

You will like the 6AG7 - very nice for power RF stages, and it has 9W plate dissipation. Make sure you look up the pinout when you're wiring the sockets - don't assume it's the same as a 6V6 or 6L6; it isn't.

Why am I
on the computer instead of getting on the LC? I'm just too beat to put in the effort tonite.

73,

-Larry/NE1S

5326. Re: [AWA Group] 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 01:32:42 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5326
Attachments: 1 described; binary payloads are missing from this source WARC

I have both a HA-6 and HA-2 (still on 144 MHz).

The HA-6 keeps
cracking 5894s at the base, I need to get in and change out the socket
(what else could it be?).

73,

-Larry/NE1S

On Sat, 21 Jan 2012
16:49:15 -0800, wrote:

>... a Hallicrafters
> HA-6 6m
transverter, a HA-2 2m transverter that has been converted
> to 222 MHz,
and my pride and joy (sadly collecting dust now) a much
> modified Swan
TV-2 2m transverter.

those were the days!

5327. Re: [AWA Group] Maritime Morse is Still Alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 03:28:36 UTC
From: Roger Kuchera
Topic: 5317 Message: 5327

Amelia Earheart, if memory serves me.

R.

--- On Sat, 1/21/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@sympatico.ca>
Subject: Re: [AWA Group] Maritime Morse is Still Alive
To: AWAGroup@yahoogroups.com
Date: Saturday, January 21, 2012, 4:34 PM

□

Rober, Bill.

I'll be on 80... Lou

----- Original Message -----
From: Bill Stewart
To: AWAGroup@yahoogroups.com
Sent: 2012-01-21 4:29 PM
Subject: Re: [AWA Group] Maritime Morse is Still Alive

Roger, Lou. Just a short while ago, they sent a traffic list...it included KHAQQ..you remember 'her' call don't you?... among many other calls. I'm gonna try to be on 160 with the Meissner for a bit, early and then maybe to 80m. Last night, on 160, I worked a stn in GA and two in VA with the Meissner so maybe I can be heard up north tonite. Hope the QRN is not too bad...Bill

From: "Louis Vermond" <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, January 21, 2012 4:20:30 PM
Subject: Re: [AWA Group] Maritime Morse is Still Alive

□
WOW, what a site and endeavour. Mny tks, Bill.

Hope to wrk u tonite, Lou

----- Original Message -----
From: Bill Stewart
To: AWA Group
Sent: 2012-01-21 3:46 PM
Subject: [AWA Group] Maritime Morse is Still Alive

Good afternoon all,
I recently read an article in the Jan 2012 Electric Radio about KPH, the RCA Pacific Coast Maritime radio station. Very interesting and the article lead me to the Maritime Radio

Historical Society web page. Boy, if you have any interest in KPH, its history (goes back to 'PH' in 1905), recordings of traffic, SOS traffic, lots of pix and stories....go there and take a look. The station is still on the air using the call of KSM and using the same xmtrs in use before the shutdown. I've been listening to it this afternoon on several frequencies (listed in the web info). Sigs are good on 12993, 16914 & 22445.8 kc in NC (numerous other freqs are in use). The usual hours of operation are on Saturdays from 17-2300 Z. They have been sending press at about 25wpm and now listening for ship traffic...just like they did before 1997. I remember copying (more like trying to copy, at 25wpm..at least I could copy the markers) them and other ship stns yrs ago. The MRHS also operates K6KPH during numerous events during the year. The press/wx BC are great for cw practice...check 'em out.

73 de Bill K4JYS

5328. Re: [AWA Group] Maritime Morse is Still Alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 03:29:52 UTC
From: Roger Kuchera
Topic: 5317 Message: 5328

KPH was covered in a nice article in Electric Radio this month.

Roger.

--- On Sat, 1/21/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] Maritime Morse is Still Alive
To: AWAGroup@yahoogroups.com
Date: Saturday, January 21, 2012, 4:20 PM

□

WOW, what a site and endeavour. Mny tks, Bill.

Hope to wrk u tonite, Lou

----- Original Message -----
From: Bill Stewart
To: AWA Group
Sent: 2012-01-21 3:46 PM
Subject: [AWA Group] Maritime Morse is Still Alive

Good afternoon all,
I recently read an article in the Jan 2012 Electric Radio about KPH, the RCA Pacific Coast Maritime radio station. Very interesting and the article lead me to the Maritime Radio Historical Society web page. Boy, if you have any interest in KPH, its history (goes back to 'PH' in 1905), recordings of traffic, SOS traffic, lots of pix and stories....go there and take a look. The station is still on the air using the call of KSM and using the same xmtrs in use before the shutdown. I've been listening to it this afternoon on several frequencies (listed in the web info). Sigs are good on 12993, 16914 & 22445.8 kc in NC (numerous other freqs are in use). The usual hours of operation are on Saturdays from 17-2300 Z. They have been sending press at about 25wpm and now listening for ship traffic...just like they did before 1997. I remember copying (more like trying to copy, at 25wpm..at least I could copy the markers) them and other ship stns yrs ago. The MRHS also operates K6KPH during numerous events during the year. The press/wx BC are great for cw practice...check 'em out.

73 de Bill K4JYS

5329. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 03:36:31 UTC
From: Don Dulmage
Topic: 5244 Message: 5329

Also tonite after supper I fixed the Am rig. I have a solid 5 watts out into my 40M antenna. .That is using my low power PS 290 volts approx under load. The rigs is poping the Linear on and off nicely and the modulation meter is bouncing.
What was wrong? similar to the 1 tube transceiver.My homebrew rf choke was too close (sitting right on it) to the frame of the tank cap. I have learned a lesson today. Rf chokes must have a good distance between them and other metal parts. Insulation on them is minmal to say the least. In a tank circuit under power with a mistune stuff goes wild.
The insulation on the chokes is only good enuf to insulate one winding to the next.
SO I have a solid 5 watts out right now with the mild PS. I have a PS that pumps out 700V which the 6l6 can live wih. That should give me a bit more to keep me happy till I get the 6AG7 /6SA7(osc modulator mixer) AM rig going and use it to push the dual 6l6s. I will give 40 AM a shot tomorrow. I removed the 80 meter padder caps for now.
Don VE3LYX

5330. Re: [AWA Group] Maritime Morse is Still Alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 12:21:00 UTC
From: Bill Stewart
Topic: 5317 Message: 5330

That's right Roger. I guess they have fixed up a cw tape with a traffic list of calls from the past. They also sent press and wx. They had very good signals, here, all Sat. afternoon. As I mentioned in my orig. post, the ER article made me want some more info. The web pages are real interesting. The KPH project is quite an undertaking for the MHRS. It appears that they have taken on the maintenance of both the receiver and transmitter sites. That's a lot of big rigs and antennas to maintain. Bill, K4JYS ----- Original Message ----- From: "Roger Kuchera" To: AWAGroup@yahoogroups.com Sent: Saturday, January 21, 2012 10:28:36 PM Subject: Re: [AWA Group] Maritime Morse is Still Alive Amelia Earheart, if memory serves me. R. --- On Sat, 1/21/12, Louis Vermond wrote: From: Louis Vermond Subject: Re: [AWA Group] Maritime Morse is Still Alive To: AWAGroup@yahoogroups.com Date: Saturday, January 21, 2012, 4:34 PM ☐ Rober, Bill. I'll be on 80... Lou
----- Original Message ----- From: Bill Stewart To: AWAGroup@yahoogroups.com Sent: 2012-01-21 4:29 PM Subject: Re: [AWA Group] Maritime Morse is Still Alive Roger, Lou. Just a short while ago, they sent a traffic list...it included KHAQQ..you remember 'her' call don't you?... among many other calls. I'm gonna try to be on 160 with the Meissner for a bit, early and then maybe to 80m. Last night, on 160, I worked a stn in GA and two in VA with the Meissner so maybe I can be heard up north tonite. Hope the QRN is not too bad...Bill From: "Louis Vermond" To: AWAGroup@yahoogroups.com Sent: Saturday, January 21, 2012 4:20:30 PM Subject: Re: [AWA Group] Maritime Morse is Still Alive ☐ WOW, what a site and endeavour. Mny tks, Bill. Hope to wrk u tonite, Lou
----- Original Message ----- From: Bill Stewart To: AWA Group Sent: 2012-01-21 3:46 PM Subject: [AWA Group] Maritime Morse is Still Alive Good afternoon all, I recently read an article in the Jan 2012 Electric Radio about KPH, the RCA Pacific Coast Maritime radio station. Very interesting and the article lead me to the Maritime Radio Historical Society web page. Boy, if you have any interest in KPH, its history (goes back to 'PH' in 1905), recordings of traffic, SOS traffic, lots of pix and stories....go there and take a look. The station is still on the air using the call of KSM and using the same xmtrs in use before the shutdown. I've been listening to it this afternoon on several frequencies (listed in the web info). Sigs are good on 12993, 16914 & 22445.8 kc in NC (numerous other freqs are in use). The usual hours of operation are on Saturdays from 17-2300 Z. They have been sending press at about 25wpm and now listening for ship traffic...just like they did before 1997. I remember copying (more like trying to copy, at 25wpm..at least I could copy the markers) them and other ship stns yrs ago. The MRHS also operates K6KPH during numerous events during the year. The press/wx BC are great for cw practice...check 'em out. 73 de Bill K4JYS

5331. Re: 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 13:28:42 UTC
From: Don Dulmage
Topic: 5244 Message: 5331

Well here is how I got into the 58 thing . I had two old radios dismantled and installed a socket for a 42 tube but then came to my senses realizing it was a 6 volt filament. I could have supplyied it no problem but I wanted to keep things simple so I realzed the 58 was the tube that was with it. Since the radio is an experiment to see if it can be done (1 tube transciever) any amp I get will be satisfactory. I have a double voltage PS since I had to reduce the b+ in the regen to a reasonable level otherwise the regen pots cook. Since the transceiver works well as is any amplification in either the rf or audio will be appreciated and it wont affect the basic circuit loading. It is just fun listening, then throwing the switch and sending. I'll sort this out and see if I can get it to work then maybe build a 6C6 /42(46) version . Somewhere here though I have to find the brakes. I built an average of one rig or tube powered accesory every month of last year. I was just looking at them. 40 m single triode regen, matching TNT, 40 M hartley (45 tube), Iron pyrite cats whisker quaker oats crystal set, Antenna matcher(heavy duty!) 2 power supplies for tube rigs, AM transceiver, 4 Linear amps. (Two 50l6 designs and two 6l6 designs) the one tube transceiver and my pride and joy the POW regen set (which willalso transmit when voltage supply is upped to 90.) Now I have this new AM rig on the go and I also realized I have never built a colpits VFO transmitter so I have part collected for that . All very very vintage.
Yes I understand about the 6AG7. 8Y pinout, not 7AC . Only the filiments are the same. I have them (the filaments) all wired by the way and had it glowing in the dark last night . My dad taught me years ago wire them first, power them up then it will get you cranked to finish the project because it is already "alive". Seems funny but it works. He was or is (still kickin) a former Aircraft radio design engineer for Collins Radio of Canada. Somehow I doubt they did that with the ARC552.
Don VE3LYX

5332. Re: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 16:18:10 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5332

> Also tonite after supper I fixed the Am rig. I have a solid 5 watts out
> into my 40M antenna. .That is using my low power PS 290 volts approx under
> load. The rigs is poping the Linear on and off nicely and the modulation
> meter is bouncing.

> SO I have a solid 5 watts out right now with the mild PS. I have a PS that
> pumps out 700V which the 6l6 can live wih. That should give me a bit more
> to keep me happy till I get the 6AG7 /6SA7(osc modulator mixer) AM rig
> going and use it to push the dual 6l6s. I will give 40 AM a shot tomorrow.
> I removed the 80 meter padder caps for now.
>

Excellent, Don; you'd be amazed how effective 5W of AM can be within 150 miles or so during the day on 75-80M. You should try checking into the AWA "PM AM net" this afternoon with it on 3837 KHz at 4:00PM EST; there are plenty of stations in western NY that should be able to hear you. Net control is Dave KA2J. I'll be there running QRO so the guys out there don't have to strain their ears too badly to hear me. Please give it a try!

73 de NE1S

5333. Re: [AWA Group] Re: 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 16:24:44 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5333

> Well here is how I got into the 58 thing . I had two old radios dismantled
> and installed a socket for a 42 tube but then came to my senses realizing
> it was a 6 volt filament. I could have supplyied it no problem but I
> wanted to keep things simple so I realzed the 58 was the tube that was
> with it. Since the radio is an experiment to see if it can be done (1 tube
> transciever) any amp I get will be satisfactory.

You may actually experience attenuation in transmitter output through the
58 stage. OTOH, the 58 would make an excellent RF or AF stage for a regen
receiver.

> I have a double voltage
> PS since I had to reduce the b+ in the regen to a reasonable level
> otherwise the regen pots cook. Since the transceiver works well as is any
> amplification in either the rf or audio will be appreciated and it wont
> affect the basic circuit loading. It is just fun listening, then throwing
> the switch and sending. I'll sort this out and see if I can get it to work
> then maybe build a 6C6 /42(46) version .

The 46 makes a FB RF power amp tube for your application. Unlike the 6C6
and 42, though, it has a 2.5V heater.

> Somewhere here though I have to
> find the brakes. I built an average of one rig or tube powered accesory
> every month of last year. I was just looking at them. 40 m single triode
> regen, matching TNT, 40 M hartley (45 tube), Iron pyrite cats whisker
> quaker oats crystal set, Antenna matcher(heavy duty!) 2 power supplies for
> tube rigs, AM transceiver, 4 Linear amps. (Two 50l6 designs and two 6l6
> designs) the one tube transceiver and my pride and joy the POW regen set
> (which willalso transmit when voltage supply is upped to 90.) Now I have
> this new AM rig on the go and I also realized I have never built a colpits
> VFO transmitter so I have part collected for that . All very very vintage.

You've been very prolific in the past year, for sure.

> Yes I understand about the 6AG7. 8Y pinout, not 7AC .

Yep, I figured you knew or would check first, but thought I'd issue the
warning just in case. "Better safe than sorry."

> Only the filiments
> are the same. I have them (the filaments) all wired by the way and had it
> glowing in the dark last night . My dad taught me years ago wire them
> first, power them up then it will get you cranked to finish the project
> because it is already "alive". Seems funny but it works. He was or is
> (still kickin) a former Aircraft radio design engineer for Collins Radio
> of Canada. Somehow I doubt they did that with the ARC552.

Been guilty of doing that myself. Not much glow from a 6AG7, though; it's a metal tube.

73,
-Larry/NE1S

5334. RE: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 16:36:47 UTC
From: Mike Feher
Topic: 5244 Message: 5334

Guess who started that AM net? Yep, yours truly. I kept on telling Bruce how much fun I was having on AM, so, eventually he said OK, let's do an AWA AM net, and there it was. Times and frequencies have changed slightly over the years, but, I am glad to hear it is still there. After I stopped running it, Bob, W2ZM ran it and then after that his son did for a while. I have no idea how it runs now as I have not been on there for about 8 years. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ne1s@...
Sent: Sunday, January 22, 2012 11:18 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: 40-Meters AM

> Also tonite after supper I fixed the Am rig. I have a solid 5 watts out
> into my 40M antenna. .That is using my low power PS 290 volts approx under
> load. The rigs is poping the Linear on and off nicely and the modulation
> meter is bouncing.

> SO I have a solid 5 watts out right now with the mild PS. I have a PS that
> pumps out 700V which the 6l6 can live wih. That should give me a bit more
> to keep me happy till I get the 6AG7 /6SA7(osc modulator mixer) AM rig
> going and use it to push the dual 6l6s. I will give 40 AM a shot tomorrow.
> I removed the 80 meter padder caps for now.
>

Excellent, Don; you'd be amazed how effective 5W of AM can be within 150 miles or so during the day on 75-80M. You should try checking into the AWA "PM AM net" this afternoon with it on 3837 KHz at 4:00PM EST; there are plenty of stations in western NY that should be able to hear you. Net control is Dave KA2J. I'll be there running QRO so the guys out there don't have to strain their ears too badly to hear me. Please give it a try!

73 de NE1S

5335. Re: [AWA Group] Maritime Morse is Still Alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 20:42:38 UTC
From: Roger Kuchera
Topic: 5317 Message: 5335

Hi Bill,
     Strangely enough, I once worked an OT who had been on the Coast Guard Cutter that tried to DF her signal. She was a rather poor Morse operator, by her own admission, and never deployed her trailing wire antenna. QRK 0!!

CUL, Roger/K1TG

--- On Sun, 1/22/12, Bill Stewart <cwopr@...> wrote:

From: Bill Stewart <cwopr@embarqmail.com>
Subject: Re: [AWA Group] Maritime Morse is Still Alive
To: AWAGroup@yahoogroups.com
Date: Sunday, January 22, 2012, 7:21 AM

#yiv966453824 p {margin:0;}

That's right Roger. I guess they have fixed up a cw tape with a traffic list of calls from the past. They also sent press and wx. They had very good signals, here, all Sat. afternoon. As I mentioned in my orig. post, the ER article made me want some more info. The web pages are real interesting. The KPH project is quite an undertaking for the MHRS. It appears that they have taken on the maintenance of both the receiver and transmitter sites. That's a lot of big rigs and antennas to maintain.
Bill, K4JYS

From: "Roger Kuchera" <rwkuchera@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, January 21, 2012 10:28:36 PM
Subject: Re: [AWA Group] Maritime Morse is Still Alive

Amelia Earheart, if memory serves me.

R.

--- On Sat, 1/21/12, Louis Vermond <ldvermond@sympatico.ca> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] Maritime Morse is Still Alive
To: AWAGroup@yahoogroups.com
Date: Saturday, January 21, 2012, 4:34 PM

□

Rober, Bill.

I'll be on 80... Lou

----- Original Message -----
From: Bill Stewart

To: AWAGroup@yahoogroups.com
Sent: 2012-01-21 4:29 PM
Subject: Re: [AWA Group] Maritime Morse is Still Alive

Roger, Lou. Just a short while ago, they sent a traffic list...it included KHAQQ..you remember 'her' call don't you?... among many other calls. I'm gonna try to be on 160 with the Meissner for a bit, early and then maybe to 80m. Last night, on 160, I worked a stn in GA and two in VA with the Meissner so maybe I can be heard up north tonite. Hope the QRN is not too bad...Bill

From: "Louis Vermond" <ldvermond@sympatico.ca>
To: AWAGroup@yahoogroups.com
Sent: Saturday, January 21, 2012 4:20:30 PM
Subject: Re: [AWA Group] Maritime Morse is Still Alive

□
WOW, what a site and endeavour. Mny tks, Bill.

Hope to wrk u tonite, Lou

----- Original Message -----
From: Bill Stewart
To: AWA Group
Sent: 2012-01-21 3:46 PM
Subject: [AWA Group] Maritime Morse is Still Alive

Good afternoon all,
I recently read an article in the Jan 2012 Electric Radio about KPH, the RCA Pacific Coast Maritime radio station. Very interesting and the article lead me to the Maritime Radio Historical Society web page. Boy, if you have any interest in KPH, its history (goes back to 'PH' in 1905), recordings of traffic, SOS traffic, lots of pix and stories....go there and take a look. The station is still on the air using the call of KSM and using the same xmtrs in use before the shutdown. I've been listening to it this afternoon on several frequencies (listed in the web info). Sigs are good on 12993, 16914 & 22445.8 kc in NC (numerous other freqs are in use). The usual hours of operation are on Saturdays from 17-2300 Z. They have been sending press at about 25wpm and now listening for ship traffic...just like they did before 1997. I remember copying (more like trying to copy, at 25wpm..at least I could copy the markers) them and other ship stns yrs ago. The MRHS also operates K6KPH during numerous events during the year. The press/wx BC are great for cw practice...check 'em out.

73 de Bill K4JYS

5336. Re: [AWA Group] Maritime Morse is Still Alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 21:37:09 UTC
From: Bill Stewart
Topic: 5317 Message: 5336

Hey Roger, Very interesting about the CG op. Yes, I think it has generally been proven she was a not a good operator. I expect she and Noonan were not a very good combo and maybe a bit inept to be in that serious a venture. Hey, is this the guy you worked?? http :// www . wingsoverkansas .com/ earhart /article.asp?id=955 Bill K4JYS ----- Original Message ----- From: "Roger Kuchera " < rwkuchera @ snet .net> To: AWAGroup @ yahoogroups .com Sent: Sunday, January 22, 2012 3:42:38 PM Subject: Re: [AWA Group] Maritime Morse is Still Alive Hi Bill, Strangely enough, I once worked an OT who had been on the Coast Guard Cutter that tried to DF her signal. She was a rather poor Morse operator, by her own admission, and never deployed her trailing wire antenna. QRK 0!! CUL , Roger/K1TG --- On Sun, 1/22/12, Bill Stewart < cwopr @ embarqmail .com> wrote: From: Bill Stewart < cwopr @ embarqmail .com> Subject: Re: [AWA Group] Maritime Morse is Still Alive To: AWAGroup @ yahoogroups .com Date: Sunday, January 22, 2012, 7:21 AM That's right Roger. I guess they have fixed up a cw tape with a traffic list of calls from the past. They also sent press and wx . They had very good signals, here, all Sat. afternoon. As I mentioned in my orig. post, the ER article made me want some more info. The web pages are real interesting. The KPH project is quite an undertaking for the MHRS . It appears that they have taken on the maintenance of both the receiver and transmitter sites. That's a lot of big rigs and antennas to maintain. Bill, K4JYS From: "Roger Kuchera " < rwkuchera @ snet .net> To: AWAGroup @ yahoogroups .com Sent: Saturday, January 21, 2012 10:28:36 PM Subject: Re: [AWA Group] Maritime Morse is Still Alive Amelia Earheart , if memory serves me. R. --- On Sat, 1/21/12, Louis Vermond < ldvermond @ sympatico .ca> wrote:
From: Louis Vermond < ldvermond @ sympatico .ca> Subject: Re: [AWA Group] Maritime Morse is Still Alive To: AWAGroup @ yahoogroups .com Date: Saturday, January 21, 2012, 4:34 PM ☐ Rober , Bill. I'll be on 80... Lou
----- Original Message ----- From: Bill Stewart To: AWAGroup @ yahoogroups .com Sent: 2012-01-21 4:29 PM Subject: Re: [AWA Group] Maritime Morse is Still Alive Roger, Lou. Just a short while ago, they sent a traffic list...it included KHAQQ ..you remember 'her' call don't you?... among many other calls. I'm gonna try to be on 160 with the Meissner for a bit, early and then maybe to 80m. Last night, on 160, I worked a stn in GA and two in VA with the Meissner so maybe I can be heard up north tonite . Hope the QRN is not too bad...Bill From: "Louis Vermond " < ldvermond @ sympatico .ca> To: AWAGroup @ yahoogroups .com Sent: Saturday, January 21, 2012 4:20:30 PM Subject: Re: [AWA Group] Maritime Morse is Still Alive ☐ WOW, what a site and endeavour . Mny tks , Bill. Hope to wrk u tonite , Lou
----- Original Message ----- From: Bill Stewart To: AWA Group Sent: 2012-01-21 3:46 PM Subject: [AWA Group] Maritime Morse is Still Alive Good afternoon all, I recently read an article in the Jan 2012 Electric Radio about KPH, the RCA Pacific Coast Maritime radio station. Very interesting and the article lead me to the Maritime Radio Historical Society web page. Boy, if you have any interest in KPH, its history (goes back to 'PH' in 1905), recordings of traffic, SOS traffic, lots of pix and stories....go there and take a look. The station is still on the air using the call of KSM and using the same xmtrs in use before the shutdown. I've been listening to it this afternoon on several frequencies (listed in the web info). Sigs are good on 12993, 16914 & 22445.8 kc in NC (numerous other freqs are in use). The usual hours of operation are on Saturdays from 17-2300 Z. They have been sending press at about 25wpm and now listening for ship traffic...just like they did before 1997. I remember copying (more like trying to copy, at 25wpm..at least I could copy the markers) them and other ship stns yrs ago. The MRHS also operates K6KPH during numerous events during the year. The press/ wx BC are great for cw practice...check 'em out. 73 de Bill K4JYS

5337. LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-22 23:24:39 UTC
From: N1BUG
Topic: 5337 Message: 5337

OK... I finally consider myself initiated. :)

I would like to thank the many fine members of this group who got me this far. I couldn't have done it without you guys! I would especially like to thank Lou for his consistent support and a gentle nudge or two when needed. :)

Activity seemed low to me (but what do I know?) and conditions were the pits last night with storm QRN. But who cares, it was fun!

I ended with 18 and one half QSOs (W1GIG never did quite figure out my call sign)

Highlights in chronological order:

Making QSOs with the TNT on 4 bands (160, 80, 40, 20)

Working old EME buddy Ray, W2RS

Working Bill, K4JYS & his Meissner on 160m

Working old EME buddy, mentor, and inspiration for two of my past EME antenna arrays Ron, N4GJV (and he is also responsible for inflicting me with OT radio disease!!! What a nice guy, huh? ;-)

Working Elmer extraordinaire Lou, VE3AWA

I can hardly wait to get the whole OT station together! I'm sure it'll be even MORE fun!

73,
Paul, aka Bugsy, N1BUG

5338. Re: [AWA Group] LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 00:07:56 UTC
From: ve7sl@shaw.ca
Topic: 5337 Message: 5338

Congrats Paul - I think you did extremely well working 18 stations! I've never found a lot of action whenever I've looked into operating the LC and usually gave up after a couple of hours of CQing! I looked for you on 160 last night just in case you were lurking about but did not hear you. I also looked for Lou on 80 but missed him as well. Maybe you guys threw up the west coast shield last night? I'm pleased to know that you've got your TNT's feet wet!!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5339. Re: [AWA Group] LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 01:26:39 UTC
From: Larry Szendrei
Topic: 5337 Message: 5339

Paul,

Sorry we didn't hook up on the LC.

I wasn't very motivated for this event; at the moment I am focused on a hardware project currently occupying my bench and my brain, and that is where my energy is going.

But I did get on today for a bit. I started this morning with some AWA calls on 40M on 7105 KHz, but couldn't raise anyone. So I moved up to 20M and after several calls I snagged AA9DH. More calls netted an additional 2 QSOs, but they were non-AWA. Took a break for a workout and shower, and a session on the Sunday PM AM AWA net on 3837 KHz.

At about 5:00 PM I moved up to 80M for the last hour of the contest, and had QSOs with WU2D, W1GIG, and NV1X.

TX was the Collins 310B exciter (1949) barefoot @ 20W out, RX was the RAL-7 (1936), on all bands. This was the first time I used the 310B as a CW rig, and also the first time I used it as a stand-alone transmitter. The stability, and accuracy of the frequency dial, could get a guy spoiled pretty quickly.

73,
-Larry/NE1S

5340. Re: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 01:29:44 UTC
From: Larry Szendrei
Topic: 5244 Message: 5340

On 1/22/2012 11:36 AM, Mike Feher wrote:
>
> Guess who started that AM net? Yep, yours truly. I kept on telling
> Bruce how much fun I was having on AM, so, eventually he said OK,
> let's do an AWA AM net, and there it was. Times and frequencies have
> changed slightly over the years, but, I am glad to hear it is still
> there. After I stopped running it, Bob, W2ZM ran it and then after
> that his son did for a while. I have no idea how it runs now as I have
> not been on there for about 8 years. 73 - Mike
>

Mike - you need to join us again!

Dave KA2J runs it now, also occasionally Bob W2ICQ and Joe W3GMS. All do
a fine job.

73,
-Larry/NE1S

5341. Re: LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 04:59:57 UTC
From: Niel - W0VLZ
Topic: 5337 Message: 5341

I made 9 contacts for 117 points...about average for me, but it was fun. "DX" was W2RS, Ray, in Green Valley, AZ, just south of Tucson. I did find a couple of kinks to work out of my new transmitter but everyone that commented said it sounded fine.

More details at http://w0vlz.blogspot.com/

tnx es 73,
Niel - W0VLZ

5342. 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 13:30:15 UTC
From: Don Dulmage
Topic: 5342 Message: 5342

"stage.
Probably a lot more than you wanted to know"
No, it is exactly what I want to know.
I am starting to wire the 6ag7 sockets. for the parallel 6ag7 tubes. I am out on a limb here guessing realy. Supressor grids to ground? Contorl grids 22K (1/2 normal value for parralel tubes)? I havent figured out the screen resistors yet but I am thiking maybe 6.8 K and cathodes to ground or should I run a protective circuit here? I wonder how the circuit is you are working on with the twin 6ag7s. The rest of the rigs uses circuits I have done before but the 6ag7 is a new tube for me.
Don VE3LYX

5343. Re: 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 13:36:12 UTC
From: Don Dulmage
Topic: 5244 Message: 5343

Been guilty of doing that myself. Not much glow from a 6AG7, though;

I had a pair of 6v6s stand in since they are also 2&7 filaments. My 6AG7s should be here today.
Don Ve3LYX

5344. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 13:40:30 UTC
From: Don Dulmage
Topic: 5244 Message: 5344

OK. I have to clean the chimney this morning. (wood furnace)If I have time I will wire in the padders for 80 permenantly on a switch and give it a shot. Moving the rf choke seemed to make a huge difference in its footprint .
Don VE3LYX

5345. Re: [AWA Group] 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 13:57:37 UTC
From: N1BUG
Topic: 5244 Message: 5345

> I have both a HA-6 and HA-2 (still on 144 MHz).

Cool!
When I was running these (up 'til 2007) I often thought about looking for an unmodified HA-2 so as to have a 3 band set. But I never did, as the EME work I was doing demanded modern-like stability and the old TV-2 had already been modified accordingly.

> The HA-6 keeps cracking 5894s at the base, I need to get in and
> change out the socket (what else could it be?).

That's the only thing I can think of. Did it always crack tubes, or is this a new habit it developed at some point?

73,
Paul N1BUG

5346. Re: [AWA Group] LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 14:01:36 UTC
From: N1BUG
Topic: 5337 Message: 5346

> Maybe you guys threw up the west coast shield last night?

Nature had the everything shield up! We had almost summer-like QRN from a storm front moving off the coast. It was very difficult copying even the east coast guys. I think most of us elected to go to bed early and preserve whatever may remain of our sanity (in my case, not much!) I'm sorry we didn't work, but it would have been a real challenge under those conditions.

73,
Paul N1BUG

5347. Re: [AWA Group] LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 14:15:55 UTC
From: N1BUG
Topic: 5337 Message: 5347

> Sorry we didn't hook up on the LC.

Me too Larry, but I'll catch up with you on the air.

> I wasn't very motivated for this event; at the moment I am focused on a
> hardware project currently occupying my bench and my brain, and that is
> where my energy is going.

I can understand that. I'll be head over heels into the next build
as soon as ALL the parts are on hand for any of the several projects
on my list. Every time I turn around the project list has expanded.
What's up with that? Never mind... I know the answer. :)

> At about 5:00 PM I moved up to 80M for the last hour of the contest, and
> had QSOs with WU2D, W1GIG, and NV1X.

I'm surprised we missed each other there. I was on 80 in that last
hour, working W3HWT, VE3AWA, and a partial/almost with W1GIG.

> This was the first time I used the 310B as a
> CW rig, and also the first time I used it as a stand-alone transmitter.
> The stability, and accuracy of the frequency dial, could get a guy
> spoiled pretty quickly.

And the tuning rate is probably far better than a TNT! :) Mine has a
5:1 vernier as you may recall, but on 20 meters setting the
frequency is quite the challenge even with that! Not to mention at
that frequency, it's not just hand capacity, but whole body and
every object in the room capacity that wants to mess with you. I can
be sitting 4 feet from the rig, and change the frequency a few
hundred cycles by leaning over. I can do similar things by moving
metal objects that are completely isolated and several feet from the
rig. Fascinating! But, assuming one has it loaded just so, and if
one gets on frequency and sits still, it stays put pretty well.

In fact, I used this to some advantage. My current method of
operating is to put the key on my lap, for obvious (?) reasons. When
preparing to reply to someone on 20 meters, I set the frequency to
within +/- a kc. or two with the variable condenser on the rig, then
position myself so as to fine tune it! Hey, it works! ;-)

73,
Paul N1BUG

5348. Re: [AWA Group] Re: LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 14:23:29 UTC
From: N1BUG
Topic: 5337 Message: 5348

> I did
> find a couple of kinks to work out of my new transmitter but everyone
> that commented said it sounded fine.

You sounded fine here Niel. I called you several times, but couldn't
make the grade.

73,
Paul N1BUG

5349. Re: [AWA Group] Re: LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 14:46:19 UTC
From: Niel - W0VLZ
Topic: 5337 Message: 5349

Paul,

80 mtr noise and 40 mtr QRM were both problems here. Looking at my log,
AZ and NM were the only QSOs I made outside of the upper mid-west.

73,
Niel - W0VLZ

N1BUG wrote:
>
>
> I called you several times, but couldn't
> make the grade.
>
> 73,
> Paul N1BUG
>
>
>

5350. More L-C Wrap-Up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 14:55:01 UTC
From: Bill Stewart
Topic: 5350 Message: 5350

Good Morning all,

First I want to thank Mike, WU2D, for his work in running the Linc Cundall and moving the time frame up to 1950.

Secondly, thanks to all the stations I worked.

I got off to a bad start on Weds. It was a perfect night, cold and no QRN. Based on previous success on 160m with the '24 Meissner, I had high hopes of working a few AWA stations. Well, I CQ'ed for a hour with no results. I heard W1ZD & WU2D, both with good signals....I called, not even a QRZ..after which I gave up. I knew something was fouled up with the setup. Later in the week I checked the Meissner and found that the gnd wire had come off the bottom of the tank coil. I hooked it up and the f/s meter pegged. Hooray! Well, Sat. night it was warm and QRN was back...so didn't expect to do much on 160, but there was ole Bugsy, coming thru the static about 349...I held my breath and called...hot dawg, he came back. So, Paul, many tnx for the 160m L-C contact. You must have a super TX/RX antenna system. And you would have been better copy if QRN/QSB had been absent.

I made 15 contacts on 160, 80 & 40 mtrs. Great fun! I ran the '29 Hartley on 40m, the Jones 6A6 (1935) on 80 and the Meissner on 160. I used a HQ-120 for receiving. Maybe I can come up with something for 20 next time. Tnx agn guys....73 de Bill K4JYS

5351. WA9WFA LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 15:14:21 UTC
From: whitebear1122@comcast.net
Topic: 5337 Message: 5351

Gads I was lucky to get on at all. The shack is being remodeled and has been packed away since Sept. Carpenter finished late Saturday afternoon so I reassemble an operating bench , then I had to hunt for the radios, cables, this and that, in the back room. It was maybe 7 pm and I was still setting up. 80m was good at the moment, and I was hearing the east coast W1's, W2's FB. By the time I got on, the band had gotten noisy, propagation changed, and the east coast guys were alot tougher to copy.

I had an accident with the transmitter when I had tipped it on it's side to see which binding posts were filament and B+, only to have the transmitter slip from my hand, and continue tipping over. There was a crunch and I saw the base of the type 10 tube skittering across the table. Couldn't tell right away if it had broken or not. I flipped the tx back over and saw the tube socket was broken, looked at the bench but didn't see any broken glass. The 10 tube was unbroken. I superglued the socket back together and the t ransmitter powered up FB.

Started out with the HRO5TA-1 and made a couple of contacts on 80m. After my 73's to a guy, I flipped B+ back on and ...nothing. The dog house supply stopped working. Changed the 80 rectifier, nothing. Checked my other dog house supplies but they are all 2.5 VAC. Pulled the HRO and put the 75A2 in for the rest of the session.

Finally, was on the air with the 1929 push pull Colpitts and 75A-2. I had fun!! Worked 12 stations on 80m and 40m , made it out to WU2D land too. While I worked 12, I heard alot more stations than that while setting up Saturday night. I had hoped to put the 36 Gross CP-100 and NC-101X on this year but the remodeling project stretched out a couple months longer than planned. T he 36 Gross CP-100 is currently disassembled and stored upstairs, the NC-101X is somewhere on the backroom shelf, and my new Millen 90711 VFO is unrestored and non-functional.

While the 1929 stuff is always fun, I do enjoy working stations running qro, meaning like 15-20 watts or more. hi hi I heard several stations that I never hear on the 29 QSO Party but they were running some power, so it was nice to hear them.

Thanks Mike for running the LC ! 73, Scott WA9WFA

5352. Re: [AWA Group] More L-C Wrap-Up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 17:41:05 UTC
From: N1BUG
Topic: 5350 Message: 5352

So, Paul, many tnx for the 160m L-C contact. You must have a super TX/RX antenna system. And you would have been better copy if QRN/QSB had been absent.

Thank you, Bill. It was great to work you again and your Meissner was the oldest TX design I worked. Not to mention the only station I worked on 160. I spent limited time on that band. I hear OK thanks to directional receive antennas. That Mr. Beverage was a genius! Wednesday night was rough though. The storm front making all the noise was in your area, so when I was listening toward you I was also listening toward the noise maker! You would have been very solid copy on a quiet night.

I expect I will be inclined to leave the TNT on 160 and sneak in a few DX QSOs with it from time to time, once I get the tank and antenna coils made. Which reminds me, time to go harass eBay for a while, suitable wire for said coils being but one of many reasons. :-)

73,
Paul N1BUG

5353. Re: [AWA Group] WA9WFA LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 17:58:45 UTC
From: N1BUG
Topic: 5337 Message: 5353

I had an accident with the transmitter when I had tipped it on it's side to see which binding posts were filament and B+, only to have the transmitter slip from my hand, and continue tipping over. There was a crunch and I saw the base of the type 10 tube skittering across the table.

Ouch! Sorry about the accident Scott! I worry I'll scratch or break something every time I handle my rig. I suppose I will get over that eventually.

I heard you a few times but never got a good chance to call you.

While the 1929 stuff is always fun, I do enjoy working stations running qro, meaning like 15-20 watts or more. hi hi

I'm starting to think (oh no!!!) along the lines of building a PA to follow the TNT. I was running 15W input and about 5W out, but I'd like to have a little more for routine ops (that is, everything outside the BK where the 10W limit applies of course).

73,
Paul N1BUG

5354. Re: [AWA Group] WA9WFA LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 18:42:14 UTC
From: whitebear1122@comcast.net
Topic: 5337 Message: 5354

Paul, I didn't hear you in the contest. There was only a brief window on 80m Saturday night where you NE guys were coming through like gangbusters but that window closed by the time I finished hooking up the station. I worked WU2D with signals just above the noise level.

Y es I think a PA is a fine idea. I would also like to have a higher power transmitter to work the Linc Cundall with for example or work 80m cw all year long with. I am not a QRP guy and the idea of working 80m cw all winter long with 5 watts is painful to me :) Now 30w or 40w would be fabulous on 80m cw.
I worked a couple of MN friends who build PA's and were running some serious power from their self excited transmitters. One local guy was running 60w, and his signal sounded fantastic, definately a 29 signal with modest character, and it was pounding the s-meter too. :)
I bought a couple 211's just for that purpose.

73, Scott WA9WFA

5355. [AWA Group] Re: LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 20:05:47 UTC
From: Terry Hall
Topic: 5337 Message: 5355

The LC was my first AWA contest. I ran my "modern" TS-520 and worked two stations on Wednesday--N8YE and K4JYS. Both were running old equipment. I hope to have the Hartley on tonight on 3.561 for the East Texas Net of the NAQCC.

--- In AWAGroup@yahoogroups.com, N1BUG <paul@...> wrote:
>
> > I did
> > find a couple of kinks to work out of my new transmitter but everyone
> > that commented said it sounded fine.
>
> You sounded fine here Niel. I called you several times, but couldn't
> make the grade.
>
> 73,
> Paul N1BUG
>

5356. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 21:55:48 UTC
From: Don Dulmage
Topic: 5244 Message: 5356

Bunch of quackers (ssb) in there whenever I checked.
I missed the 4 PM exact but was around either side of it. I put the 80M Paddercaps back in with a high tech switch. (AKA Alligator clip)
6ag7 s came today. I also wired in the 58 . I dont have a 46. For some reason I thought I did. It does boost signal enuf to notice it Not huge but does sort of swamp the recver if its to close which is doesnt do without the PA turned on. Now to figure out the Af deal. I have to think this through a bit .
had nothing to go by so I did sppres GR to crd as well a cathode. I let grid self bias and fed it with a smal cap from the 56 plate. I ran the screen with a 2.2K from plate supply. Definatley is working. How much ? I dont know. Rcver monitor in the basement shack has no BFO. Tis more of ein humdinger.
Don VE3LYX

5357. Re: [AWA Group] 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 23:26:46 UTC
From: ne1s@securespeed.us
Topic: 5342 Message: 5357

> "stage.
> Probably a lot more than you wanted to know"
> No, it is exactly what I want to know.
> I am starting to wire the 6ag7 sockets. for the parallel 6ag7 tubes. I am
> out on a limb here guessing realy. Supressor grids to ground? Contorl
> grids 22K (1/2 normal value for parralel tubes)? I havent figured out the
> screen resistors yet but I am thiking maybe 6.8 K and cathodes to ground
> or should I run a protective circuit here? I wonder how the circuit is you
> are working on with the twin 6ag7s. The rest of the rigs uses circuits I
> have done before but the 6ag7 is a new tube for me.
> Don VE3LYX

OK, Don. I'm assuming this is a linear amplifier stage, and you will be using 300V on the plates (the maximum).

Control grid: set the bias on the control grids around -9V, through a RF choke or a resistor. The value of the resistor is not super-critical because you have no grid current, hence no grid-leak bias is developed across it. Higher values will load down the driving stage less, while lower values will promote stability. Your guess of around 22K sounds like as good a place to start as any. IF you have enough drive to put the 6AG7s into grid current* (class AB2) you'll have to use a RFC in place of a resistor and use a regulated bias supply capable of sinking the grid current, or you'll produce lots of distortion. In either case, a resistor of 15 or 22 ohms in series with each control grid right at the socket is a good idea to discourage parasitics.

Suppressor grids: Yep, ground 'em.

Screen grids: connect each to +300V through a resistor of 180 ohms. The resistors are there not so much to drop voltage (although they will to a small degree) as they are to help balance the tubes out and decouple the screens from the +300V supply. Bypass the screens for RF to ground right at the sockets.

Cathodes: Ground 'em.

Plates: standard parasitic suppressors, on for each tube and right at the socket are also a good idea.

* Since you have -9V grid bias, a signal at the grids exceeding 18V peak-to-peak will cause grid current to be drawn. Assuming you have this amount of drive signal available you should be able to get 3W AM carrier (12W PEP) from the pair to feed a subsequent linear stage. A bit more output would be available if you have sufficient drive to run them class AB2.

73/GL,
-Larry/NE1S

P.S. I shamelessly consulted the Central Electronics 20A output stage for many of the above details. I'm not that smart...

5358. Re: [AWA Group] 6AG7

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 23:30:54 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5358

```
>
> That's the only thing I can think of. Did it always crack tubes, or
> is this a new habit it developed at some point?
>

As I recall it always did (eventually), as long as I've owned it. I
haven't used it for years because I need to solve that problem. I do have
another socket; I just need to find the time. I've owned the pair, and
original common power supply, for around 20 years.

73,
-Larry/NE1S
```

5359. Re: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 23:55:51 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5359

> Bunch of quackers (ssb) in there whenever I checked.
> I missed the 4 PM exact but was around either side of it.

There was constant AM activity at least between 3:45PM to 5:00PM, as I was listening the whole time (except when I was transmitting). The "2nd round" was starting at 5:00, so I'm sure it went longer.

> had nothing to go by so I did sppres GR to crd as well a cathode. I let
> grid self bias and fed it with a smal cap from the 56 plate. I ran the
> screen with a 2.2K from plate supply.

Sounds reasonable.

>Definatley is working. How much ? I
> dont know. Rcver monitor in the basement shack has no BFO. Tis more of ein
> humdinger.
> Don VE3LYX

You need a QRP wattmeter, Don!

73,
-Larry/NE1S

5360. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-24 17:31:52 UTC
From: Don Dulmage
Topic: 5342 Message: 5360

Thanks Larry,
I now have the 6AG7s wired to the RFC for the plate. Had to fudge a couple of values but in the end less then 15%.
Started by making all the chokes I needed. The Parasitics and RFC for Plate supply. When the XYL hollered for lunch I was soldering the last connections. I am getting a tour of the Signals section of the HASTY PEAS Regiment Museum (Hastings Prince Edward) today at 2 pm by one of the WWII veterns of the Regiment (Most decorated Canadian Regiment ever. Italy, Apeldorn etc) He said they have two operational WWII Radio units plus some German stuff and some other in storage. I am hoping to see a #11 set.I had two in the 1960s.
Tomorrow I will wire the speech amp in the new rig. If I get home in time I will try 3837 again.
Don VE3LYX

5361. Nuts to Me....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-24 20:01:50 UTC
From: Louis Vermond
Topic: 5361 Message: 5361
Attachments: 1 described; binary payloads are missing from this source WARC

I have a 3" dia. Kurz-Kasch dial I want to sell on eBay. The collet nut is missing. Does anyone have a spare for sale or trade? Tks. Lou

5362. Re: Maritime Morse is Still Alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-24 20:14:44 UTC
From: Don Dulmage
Topic: 5317 Message: 5362
Attachments: 3 described; binary payloads are missing from this source WARC

never deployed her trailing wire antenna.

Speaking of trailing wire antennas today at the hasty pea museu I saw this.Iwas in stuff they brought back from WW1. They can foind out nothing about it but even the kite is factory made it appears. Anyone know more about these. They also had a Canadian WW1 Morse key and a speaker. . I took a pic so someday I can duplicate it.
Don VE3LYX

5363. Can class A2 be used with Heising modulation?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 00:26:33 UTC
From: jon_ab9zg
Topic: 5363 Message: 5363

This circuit came from a 1929 issue of QST:
https://lh4.googleusercontent.com/-iSCu6t6N0bE/Tx9HKnLSmoI/AAAAAAAAAqk/ffxAgWUBzAA/s800/Screenshot-1.png

Because a 211 operating in class A1 will only put out about 20 watts, it could not not possibly fully modulate a 50 watt output carrier. This, and the fact that the 211 has a 250 driving it, leads me to believe that the 211 is supposed to operate in class A2. However, it had been my impression that grid current cannot flow when using Heising modulation. Am I in fact incorrect? Can I use class A2 with Heising modulation?

5364. Kurz Collet Nut?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 02:11:26 UTC
From: Joe Y
Topic: 5364 Message: 5364

Whoever needed the Kurz dial collet nut I have one from a cracked 4" KK dial. If you are still in need send me your address and I will drop in the mail.....

73,
Joe

5365. Re: [AWA Group] Kurz Collet Nut?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 02:17:13 UTC
From: Louis Vermond
Topic: 5364 Message: 5365
Attachments: 1 described; binary payloads are missing from this source WARC

Whoever needed the Kurz dial collet nut I have one from a cracked 4" KK dial. If you are still in need send me your address and I will drop in the mail.....

Tks Joe, but VE7SL came through a bit ago. Only wants $35 for it too. Good deal, ha?

73, Lou
VE3AWA

5366. Re: [AWA Group] Kurz Collet Nut?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 02:58:14 UTC
From: Joe Y
Topic: 5364 Message: 5366
Attachments: 1 described; binary payloads are missing from this source WARC

$35 bucks!! He couldn't cut a fellow countryman a break??.....lol.....good luck with the auction.

73,

Joe N2OUV

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, January 24, 2012 9:17 PM
Subject: Re: [AWA Group] Kurz Collet Nut?

Whoever needed the Kurz dial
collet nut I have one from a cracked 4" KK dial. If you are still in need
send me your address and I will drop in the mail.....

Tks Joe, but VE7SL came through a bit ago. Only wants
$35 for it too. Good deal, ha?

73, Lou
VE3AWA

5367. Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 03:52:50 UTC
From: Don Dulmage
Topic: 5244 Message: 5367

The Am signals are not making it here anyway. Lots on 3705, 3850 and 3885 but I couldnt hear nothing on 3837. I will keep listening though.
After I got back from the Museum I searched for some of the old military radios I had throughthe years. My alltime e No11 set (tank armoured vehcle HF set. I found one too. In Holland with specs. Power output .6 watts AM . Range 6 miles. The high power version1.6 watts, range 16 miles. I guess I should quit winning about my 4 tube transceiver. I am right in the ball park!
I have the new am rig coming along good. It will be interesting but most of all I now understand why plate modulation is always the recommended method. I think someday will do a 813 crystal osc with plate modulation.
don Ve3LYX

5368. 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 13:17:45 UTC
From: Eddy Swynar
Topic: 5244 Message: 5368

Hi Guys,

I have a number of errands to run this morning, & should be back before noon...

If anyone happens to be around at that time, have a listen in the upper part of the 40-meter band for my AM signal---7280-, 7285-, 7290-, or 7290-KHz---whichever is clearest.

~73~ de Eddy VE3CUI - VE3XZ

5369. Re: [AWA Group] Can class A2 be used with Heising modulation?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 17:37:49 UTC
From: ne1s@securespeed.us
Topic: 5363 Message: 5369

> This circuit came from a 1929 issue of QST:
> https://lh4.googleusercontent.com/-iSCu6t6N0bE/Tx9HKnLSmoI/AAAAAAAAAqk/ffxAgWUBzAA/s800/Screenshot-1.png
>
> Because a 211 operating in class A1 will only put out about 20 watts, it
> could not not possibly fully modulate a 50 watt output carrier. This, and
> the fact that the 211 has a 250 driving it, leads me to believe that the
> 211 is supposed to operate in class A2. However, it had been my impression
> that grid current cannot flow when using Heising modulation. Am I in fact
> incorrect? Can I use class A2 with Heising modulation?
>

Interesting...

I agree with your 20W number (40% of 50W), for class A1 on a good day. 25W is needed to 100% modulate 50W DC input to the final, so maybe they were pushing the envelope on the 211 a bit?

I'm not that familiar with class A2; don't run into it very often, and I conclude maybe there's a good technical reason why.

But the way I see it, audio power is audio power, and the modulated stage shouldn't care how you come up with it, as long as the impedance match to the modulated stage is correct.

73,
-Larry/NE1S

5370. Classic Exchange this Sunday

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 20:28:00 UTC
From: JAMES HANLON
Topic: 5370 Message: 5370

Y'all,

You are invited to join in on the Classic Exchange this coming Sunday, January 28. It's a low key contest/QSO party for folks who enjoy running older equipment of any age or variety. You can find details at http://www.classicexchange.org/ . Click on January 2012 CX ANNOUNCEMENT.

This Sunday will be the CW portion of the CX. There is usually quite a bit of activity on 40 meters, centered around 7045 kc, in the afternoon. Folks then move to 80 meters later on, working around 3534 kc. You may also find 20 meter activity around 14045, especially in the early to mid afternoon. You can drop in for just a few minutes, or you can stay for several hours if you wish. You can work the same station on different bands or even again on the same band if he or you changes his transmitter or receiver or both - or even his transceiver - so there are plenty of opportunities for QSOs.

This time we will have a participant from Japan! Kazu, JA3KNB, should be on 21135 starting around 0000 Z. Please listen for him and give him a CX QSO. He's a really nice guy.

The phone portion of the CX for AM, FM and SSB will run on Sunday, February 12. Details are also on the web page above.

Hope to CU on the CX,

Jim Hanlon, W8KGI

5371. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 20:52:52 UTC
From: ne1s@securespeed.us
Topic: 5342 Message: 5371

> Thanks Larry,
> I now have the 6AG7s wired to the RFC for the plate. Had to fudge a couple
> of values but in the end less then 15%.

Good deal, Don.

I do have a question. You had most recently said you were going to run a pair of 6AG7s in parallel. Will you be feeding the output of this stage directly into the antenna, or into another linear power amplifier?

Reason I ask is the only reason to parallel up tubes is in a stage that needs to deliver power (in other words, it needs to source current). If it's strictly a voltage amplifier there is no advantage of 2 tubes over a single tube.

So...

(1) If you are feeding an antenna directly with the parallel 6AG7 stage, the two tubes will give you double the power output of a single tube, assuming the tank circuit is optimized for each case.

(2) If you are feeding a class AB2 linear stage (which requires grid current, therefore requires power) and you have the headroom in the class AB2 stage to make use of all the power two tubes can deliver, then two tubes in the 6AG7 stage will also give you twice the power output from the class AB2 linear PA.

(3) If you are feeding a class AB1 stage (which doesn't require RF driving power, only voltage), the 2nd tube doesn't buy you anything.

I vaguely recall the original idea was to run a 6SA7 mixer as the modulator, linearly amplify the resulting AM with 2 cascaded 6AG7 stages, into something else (a 6L6 or?).

73,
-Larry/NE1S

5372. Re: [AWA Group] Classic Exchange this Sunday

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 21:39:25 UTC
From: Louis Vermond
Topic: 5370 Message: 5372

Tks Jim. 73, Lou

----- Original Message -----
From: JAMES HANLON
To: AWA Group ; AMradio ; boatanchors
Sent: 2012-01-25 3:28 PM
Subject: [AWA Group] Classic Exchange this Sunday

Y'all,

You are invited to join in on the Classic Exchange this coming Sunday, January 28. It's a low key contest/QSO party for folks who enjoy running older equipment of any age or variety. You can find details at http://www.classicexchange.org/ . Click on January 2012 CX ANNOUNCEMENT.

This Sunday will be the CW portion of the CX. There is usually quite a bit of activity on 40 meters, centered around 7045 kc, in the afternoon. Folks then move to 80 meters later on, working around 3534 kc. You may also find 20 meter activity around 14045, especially in the early to mid afternoon. You can drop in for just a few minutes, or you can stay for several hours if you wish. You can work the same station on different bands or even again on the same band if he or you changes his transmitter or receiver or both - or even his transceiver - so there are plenty of opportunities for QSOs.

This time we will have a participant from Japan! Kazu, JA3KNB, should be on 21135 starting around 0000 Z. Please listen for him and give him a CX QSO. He's a really nice guy.

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Hope to CU on the CX,

Jim Hanlon, W8KGI

5373. Re: 6AG7 circuits The all Canadian 5 am tx.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 23:16:02 UTC
From: Don Dulmage
Topic: 5373 Message: 5373

All wired except one hole to drill for a ground connection, install the coax connector for the output from the PA link winding and I need to make a rf choke for the Middle rf sections. I could probably get away without it but I know that B+ and RF are never good friends so I will make them in the morning. In the RF stage I sort of winged it humming the twin triode tune (GPK-GPK- FF). Then it is time for the smoke test. I am always nervous at this stage and sometimes dont power them up for a few days. I had everything in stock but the 6ag7s. So they were my only cost.
So we have a low level modulation (mixer tube) with modulation coming in from a Speech amp (Double triode) the mixer is also the oscillator (VFO) and it feeds a double triode out.)Grid.plate grid plate) which drives a parallel pair of 6AG7s with a conventional tank circuit (as opposed to a pi circuit) which feed the antenna (or outboard linear through a antenna link wound in the middle of the tank coil. Will it work? I dont know. Time will tell. If it does I willl have to rework an All American 5 rx (from BcB to Shortwave) for an AM recvr.
Don VE3LYX.

5374. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 13:39:51 UTC
From: Don Dulmage
Topic: 5342 Message: 5374

Yeah that is how it started but it developed from there. Running parallel tubes for me alows extra power from the same PS B+. I have it all done now. I should have several options. barefoot, my 6l6 liear maybe even the GRdd grid sweep tube linear. Whatever the casr e it has been a verey interesting project. What really scares me is I am begining to understand what I am doing. A lot inparts thanks to you and you advice.
Don VE3LYX

5375. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 17:08:22 UTC
From: Don Dulmage
Topic: 5342 Message: 5375
Attachments: 3 described; binary payloads are missing from this source WARC

Here is the final version (so far)
So I understand that if I use it barefoot good. If I drive a linear (Say for instance grd grid) ok if i have enuf to drive it and if I am driving my class A linear I use on the oher AM rig I gain nothing because it doesnt need the extra drive nor can it use it? I think understand that.
I just got carried away I guess. I had to build a mic amp or speech amp so I could use normal mics (not carbons) since I found two in my junk box.So I used a 6sn7 circuit I had here and even found it married to the 6sa7 Am rig anyway so I knew it would work. I then decided to mirror that with a 6SL7 cascaded amp if you will and drive the 6ag7 as a pair. I used the same basic circuit but changed the values where required to make it an RF amp instead. My thinking was (and I may be wrong) that the speech amp deal for the mic has to be a Class A because it is audio so changing that basic circuit for RF use should still be class A. I looked at a lot of parallel tube circuits and then asked you a few questions and this is the result. I may get brave and smoke test it today on my dummy load. I have a reno project underway for the XYL but she doesnt like me to work more than two or three hours like that as my health is iffy. Works for me! ;>)
Don Ve3LYX

5376. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 17:55:06 UTC
From: ne1s@securespeed.us
Topic: 5342 Message: 5376

> Here is the final version (so far)
> So I understand that if I use it barefoot good. If I drive a linear (Say
> for instance grd grid) ok if i have enuf to drive it and if I am driving
> my class A linear I use on the oher AM rig I gain nothing because it
> doesnt need the extra drive nor can it use it? I think understand that.

Yep, that's right - class A - class A1, to be specific - draws no grid current and therefore no power is need at the grid - only voltage. In practice, a very small amount of power is required to compensate for circuit losses, but it is usually negligible. Paralleling tubes doubles the current available to drive the next stage (assuming impedance matching is optimized for each case), but does nothing to make more signal voltage available in the plate circuit.

> I just got carried away I guess. I had to build a mic amp or speech amp
> so I could use normal mics (not carbons) since I found two in my junk
> box.So I used a 6sn7 circuit I had here and even found it married to the
> 6sa7 Am rig anyway so I knew it would work. I then decided to mirror that
> with a 6SL7 cascaded amp if you will and drive the 6ag7 as a pair.

Triode RF amps that run "straight through" and have tuned circuits on the grid and plate need to be neutralized unless the frequency is very, very low - well below the AM broadcast band. Exception is grounded-grid amps. Since you are running class A you aren't frequency-multiplying, so the plate circuit will be running at the same frequency as the grid circuit (straight-through). Frequency multiplication requires running well into class C. (And you can't frequency-multiply an AM signal anyhow - the process of frequency multiplication is non-linear by definition.) This is why I had earlier suggested cascaded 6AG7s (or a 6AC7 feeding a 6AG7) - because neutralization is a PITA. At RF we are usually talking about tuned circuits on both plate and grid (it's difficult to get any gain without them), so unless I'm misunderstanding what you are doing I suspect both triode stages will be oscillators, not amplifiers.

> I used
> the same basic circuit but changed the values where required to make it
> an RF amp instead. My thinking was (and I may be wrong) that the speech
> amp deal for the mic has to be a Class A because it is audio so changing
> that basic circuit for RF use should still be class A.

Yep - as long as they are biased the same, and the grids aren't driven into grid current, the class of operation will be the same.

>I looked at a lot
> of parallel tube circuits and then asked you a few questions and this is
> the result. I may get brave and smoke test it today on my dummy load. I

> have a reno project underway for the XYL but she doesnt like me to work
> more than two or three hours like that as my health is iffy. Works for
> me! ;>)

73/GL,
-Larry/NE1S

5377. WANTED: Small Mod Iron

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 18:27:12 UTC
From: Eddy Swynar
Topic: 5377 Message: 5377

Hi Guys,

A good friend of mine recently completed a HB all CW rig, which has an 807 in the final---and almost at the same time, he blew the modulation transformer in his Ranger!

Is there any chance anyone reading this might have a 15 - 20-watt "universal" modulation transformer that they'd be willing to part company with at this time...? That would give him the option of either dropping it directly into his Ranger, or building an outboard HB modulator for his 807 rig, with the mod iron as its centre piece.

He's quite anxious to get on AM fone on 40-meters...

Any leads / reasonable offers appreciated, with my thanks in advance...!

~73~ de Eddy VE3CUI - VE3XZ

5378. pi network - year?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 18:32:40 UTC
From: N1BUG
Topic: 5378 Message: 5378

Here's a question I've been trying to track down an answer to. When did the LC pi network for impedance matching first appear? I see it's featured prominently in the 1936 ARRL Handbook but I find no mention of it in the 1931 edition. I would be interested in any references to the pi network prior to 1936, should anyone know of such.

73,
Paul N1BUG

5379. Re: pi network - year?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 19:12:18 UTC
From: cwopr@embarqmail.com
Topic: 5378 Message: 5379

Paul, nothing in the 9th edition (1932). Didn't Art Collins come up with the pi-net?

73 Bill K4JYS

5380. Re: [AWA Group] Re: pi network - year?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 19:53:47 UTC
From: N1BUG
Topic: 5378 Message: 5380

> Didn't Art Collins come up with the pi-net?

Thanks Bill. That led me to something which seems to sufficiently answer my question. I Googled Collins pi network and came up with the assertion that Collins popularized the Collins Universal Coupler in the mid 1930s. Subsequently Googling Collins Universal Coupler led to a reference stating that William L. Everitt was the first to describe the use of a pi network as a coupling device, in Proceedings of the IRE, May 1931. Rats. Close but not quite.

My knowledge of radio history continues to be sadly lacking. This is still a new area of interest for me, and, due to unfortunate character flaws my parts inventory has grown more rapidly than my library. :-(

73,
Paul

On 01/26/2012 02:12 PM, cwopr@... wrote:
>
> Paul, nothing in the 9th edition (1932).
>
> 73 Bill K4JYS
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5381. Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 22:35:13 UTC
From: N1BUG
Topic: 5381 Message: 5381

At risk of wearing out my welcome by asking for too much help, I have a subject I'd like some input on. Actually, a good lively technical discussion would be most welcome! :-)

I'm *thinking* about re-arranging my project queue and re-ordering my priorities somewhat. I'm quite happy with the way the TNT is working but I'd like to get a bit more power out of the '29 setup.

Question: Is adding a separate PA stage a "29 legitimate" thing to do? Or would they have just built a new MOPA from the ground up?

If my proposal isn't '29 appropriate, then I suppose the discussion can stop there, so far as my project ideas are concerned. It would be *great* to have an outboard stage I could use with more than one exciter, but I'm not prepared to violate my "'29 rule" for sake of it.

If it is period appropriate to add a PA stage on a separate board, it looks to me like suitable tube choices would be a '203A or '211. I'd like to keep it to one tube, not a pair, so I don't have to rob more than one bank to build it! ;-) Comments? Other tube choices I've overlooked? I would like to get 50 watts out of it.

I've been looking around for circuits and I've got more questions. My '29 and prior literature collection is still too small. I see some circuits in the '36 Handbook. They invariably either use an output tank with split stator condenser and neutralization or the PA stage operates as a doubler. Operating the PA stage as a doubler is not desirable. I'd like this to work on 1.8 Mc. which would require running the TNT at 900 Kc.! For the straight through PA, is the split stator setup really necessary? Is neutralization really needed?

I'd like to see some example circuits from '29 or earlier, if any exist. If it is part of a MOPA rig I can probably adapt it. I am no stranger to building RF amplifiers, though the OT and low power stuff is new ground. Most of my PA projects were 1500 watt deals using metal-ceramic tetrodes. I design those myself, but I'm a bit hesitant on this proposed project since I have no experience either with the vintage tubes *or* with triodes.

My first guess at how to drive it would be a tuned tank on the grid, link coupled to the exciter. In other words, couple the antenna coil of the TNT to a link on the PA, probably using a twisted pair between the two links, possibly with a series variable condenser to optimize power transfer. That would be quite convenient for sake of using different exciters and/or switching between exciter only or exciter + PA. Are there problems with this? Better methods? Concerning the scheme I propose, there is a voice in the dim recesses suggesting unwanted coupling between the PA plate tank and grid tank could cause some interesting troubles!

Comments on whatever aspects of this problem I've not yet thought to ask about are also quite welcome. :-)

73,
Paul N1BUG

5382. Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 22:55:15 UTC
From: jon_ab9zg
Topic: 5381 Message: 5382

Consider the 860, which was released in 1928.

Being a tetrode, no neutralization is required.

60 watts output with 1500 volts on the plate, 165 watts output with 3000 volts on the plate.

Much better for high frequency operation than the 203A, 211.

Cheaper since it has no audio application. (Used ones are listed for $25 at http://www.vacuumtubes.net/)

Adding separate stages on different boards is definitely period correct. (check your 1931 ARRL handbook as well as 1920's QST's.)

Split-stator condensers were not commonly used in the 1920's. (I can't find them in my 20's QSTs.)

It would probably be a good idea to have an 865 buffer stage as the tnt oscillator would be more stable if it wasn't forced to run full-tilt.

5383. Re: [AWA Group] Re: pi network - year?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 23:23:55 UTC
From: Roger Kuchera
Topic: 5378 Message: 5383

It was Art Collins but I believe they called it The Collins Coupler.

Roger/K1TG

--- On Thu, 1/26/12, cwopr@... <cwopr@...> wrote:

> From: cwopr@... <cwopr@...>
> Subject: [AWA Group] Re: pi network - year?
> To: AWAGroup@yahoogroups.com
> Date: Thursday, January 26, 2012, 2:12 PM
>
> Paul, nothing in the 9th edition (1932). Didn't Art Collins
> come up with the pi-net?
>
> 73 Bill K4JYS
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> Yahoo! Groups Links
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>
> AWAGroup-fullfeatured@yahoogroups.com
>
>

5384. Re: [AWA Group] Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 23:24:34 UTC
From: AB9ZG
Topic: 5381 Message: 5384
Attachments: 1 described; binary payloads are missing from this source WARC

Here is an example of such a modular transmitter from the Nov 1928 QST. First unit is a crystal oscillator and row of 201A doublers, next unit is a 210 doubler/driver, the third is PP 852's, which are the triode version of the 860, and the final unit is the antenna tuner.

5385. Re: [AWA Group] Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 00:04:19 UTC
From: N1BUG
Topic: 5381 Message: 5385

Thank you Jon!

Very interesting stuff.

Does that Nov 1928 QST give any circuit details of the antenna tuner? It's probably not adaptable to what I want to do, but I'm curious.

I found an example of how to neutralize a triode PA stage without the split stator tank condenser. I had overlooked it somehow in the 1931 Handbook.

The 860 tube looks quite interesting, though the higher voltages bring a multitude of problems finding components that will handle that. I will look into it further.

Paul

On 01/26/2012 06:24 PM, AB9ZG wrote:

Here is an example of such a modular transmitter from the Nov 1928 QST. First unit is a crystal oscillator and row of 201A doublers, next unit is a 210 doubler/driver, the third is PP 852's, which are the triode version of the 860, and the final unit is the antenna tuner.

5386. Re: 6AG7 circuits The all Canadian 5 am tx.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 01:02:14 UTC
From: Don Dulmage
Topic: 5373 Message: 5386

Smoke test passed. Definatley making RF. Needles on meters in the shop bouncing even though not hooked up to the rig. (Why is it you can never get out when you want to but always do when you dont want to.") just hid it on the dummy load. PA section definately working. I dont think the osc freq matches my PA tank. By the time i got to he PA tank I figured a better way to build the coil. I will go back and redo the OSC tis weekend. .It has some stomp I think. I will pull the PA tubes and rf amp and test the osc by itself. Feb 12? We shall see what we can do.
Don VE3LYX

5387. Re: [AWA Group] Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 01:05:27 UTC
From: Louis Vermond
Topic: 5381 Message: 5387

Hi John,

Before I dig into this question, how much output are you wanting? Lou

----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: 2012-01-26 7:04 PM
Subject: Re: [AWA Group] Adding a PA stage?

Thank you Jon!

Very interesting stuff.

Does that Nov 1928 QST give any circuit details of the antenna tuner? It's probably not adaptable to what I want to do, but I'm curious.

I found an example of how to neutralize a triode PA stage without the split stator tank condenser. I had overlooked it somehow in the 1931 Handbook.

The 860 tube looks quite interesting, though the higher voltages bring a multitude of problems finding components that will handle that. I will look into it further.

Paul

On 01/26/2012 06:24 PM, AB9ZG wrote:

Here is an example of such a modular transmitter from the Nov 1928 QST. First unit is a crystal oscillator and row of 201A doublers, next unit is a 210 doubler/driver, the third is PP 852's, which are the triode version of the 860, and the final unit is the antenna tuner.

5388. eBay Alert A reminder I suppose

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 02:47:08 UTC
From: Louis Vermond
Topic: 5388 Message: 5388

National SW3 & SW5 Unwound 6 Pin Coil Form: Now available: Handcrafted!!

http://www.ebay.com/itm/National-SW3-SW5-Unwound-6-Pin-Coil-Form-Now-available-Handcrafted-/290658724337?_trksid=p4340.m185&_trkparms=algo%3DSIC.NPJS%26its%3DI%252BC%26itu%3DUA%26otn%3D5%26pmod%3D300641202026%26ps%3D63%26clkid%3D5895404857348102490

5389. Re: 6AG7 circuits The all Canadian 5 am tx.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 03:21:13 UTC
From: Don Dulmage
Topic: 5373 Message: 5389

Tested further. OSC works well. Tunes both 40 and 20 meters (so 30 also.) They come in at about (40M)25 % and 75 %(20M) open. Perfect spacing. The PA tank is off frequency.I thought it would be the better of the two. I was wrong. I will sort it out later. So far thing looks like it is at least all functioning. When I get it all pointed the same direction we will see how it works.
Don VE3LYX

5390. Re: [AWA Group] Can class A2 be used with Heising modulation?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 03:36:00 UTC
From: AB9ZG
Topic: 5363 Message: 5390

Thanks Larry.

It seems that the 211 will put out about 30 watts if the plate voltage is increased to 1500 volts so maybe that is how it was done.

I re-read all my sources on Heising modulation and none explicitly said no A2 operation. However no mention of A2 operation is made in any of my ARRL handbooks, QST magazines, or other documents from the 1920's.

The only commercial uses I know for class A2 are the Speed Triple Twin tubes and RCA-type 6N6 tubes for receivers which were never too popular.

Anyway, after thinking it over, I guess it would be simpler and easier to use just two 211 modulators in parallel running class A1, with a one stage speech amplifier. The overall modulator impedance will be a bit low but power drops off pretty slowly as impedance mismatch increases.

It sure is irritating to try to build telephony transmitters of the pre-class B modulation period.

Jon

5391. Adding a PA stage? Why?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 03:42:44 UTC
From: Louis Vermond
Topic: 5391 Message: 5391
Attachments: 1 described; binary payloads are missing from this source WARC

This is what you need, Bugsy.

Negative keying I bet...

5392. Re: [AWA Group] Adding a PA stage? Why?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 03:56:01 UTC
From: ve7sl@shaw.ca
Topic: 5391 Message: 5392

>This is what you need, Bugsy.

>Negative keying I bet...

Nice! .... one wonders how many '29ers bit the dust playing with this monster

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5393. Re: [AWA Group] eBay Alert A reminder I suppose

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 04:28:45 UTC
From: Roger Kuchera
Topic: 5388 Message: 5393

Did Jim Fred come back from the dead?

Roger.

--- On Thu, 1/26/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@sympatico.ca>
Subject: [AWA Group] eBay Alert A reminder I suppose
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Thursday, January 26, 2012, 9:47 PM

National SW3 & SW5 Unwound 6 Pin Coil Form: Now available: Handcrafted!!

http://www.ebay.com/itm/National-SW3-SW5-Unwound-6-Pin-Coil-Form-Now-available-Handcrafted-/290658724337?_trksid=p4340.m185&_trkparms=algo%3DSIC.NPJS%26its%3DI%252BC%26itu%3DUA%26otn%3D5%26pmod%3D300641202026%26ps%3D63%26clkid%3D5895404857348102490

5394. Re: [AWA Group] Adding a PA stage? Why?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 12:39:52 UTC
From: N1BUG
Topic: 5391 Message: 5394
Attachments: 1 described; binary payloads are missing from this source WARC

This is what you need, Bugsy.

Nice!
Is that a grid current meter on the right?
Looks like they used two variable condensers in parallel to get the required capacity? I'd wondered about such an approach but hadn't seen it anywhere.

I think I'll stick to adding a PA stage though. Since Jon proved a modular approach is period appropriate, it's a GO but I still have to decide on a tube type and circuit details so I can get to gathering parts.

Bugsy

5395. Re: [AWA Group] Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 12:43:37 UTC
From: ne1s@securespeed.us
Topic: 5381 Message: 5395

> Question: Is adding a separate PA stage a "29 legitimate" thing
> to do? Or would they have just built a new MOPA from the
> ground up?
>

I would be very surprised if it wasn't done - if you built a "self-excited" rig, and wanted more power and stability, it is an obvious place to go.

> If my proposal isn't '29 appropriate, then I suppose the
> discussion can stop there, so far as my project ideas are
> concerned. It would be *great* to have an outboard stage I could
> use with more than one exciter, but I'm not prepared to
> violate my "'29 rule" for sake of it.
>

IMHO there is no violation.

> If it is period appropriate to add a PA stage on a separate
> board, it looks to me like suitable tube choices would be a
> '203A or '211. I'd like to keep it to one tube, not a pair,
> so I don't have to rob more than one bank to build it!
> ;-) Comments? Other tube choices I've overlooked? I would
> like to get 50 watts out of it.

Should be doable. And those are the most obvious choices for that power class. My only reservation is whether there ill be enough reserve driving power from a '10 to drive a 50 watter to 50W output, and maintain acceptable stability from the MO. I would use a '03 or '11 in the MO as well - at reduced plate voltage (adjust to produce the quantity of drive you require).

>
> I've been looking around for circuits and I've got more
> questions. My '29 and prior literature collection is still too
> small. I see some circuits in the '36 Handbook. They
> invariably either use an output tank with split stator
> condenser and neutralization or the PA stage operates as
> a doubler. Operating the PA stage as a doubler is not
> desirable. I'd like this to work on 1.8 Mc. which would
> require running the TNT at 900 Kc.! For the straight
> through PA, is the split stator setup really necessary?
> Is neutralization really needed?

Absolutely, no question. A non-neutralized grid-driven triode with tuned circuits at the grid and plate tuned to the same frequency will be a vigorous TPTG oscillator. Plate neutralization with a split stator

condenser is the best way to go if you are going to link-couple. Grid neutralization (with the balanced tank circuit in the grid, not the plate) also works but I understand it has drawbacks, such as requiring readjustment for appreciable changes in frequency. If you couple to the grid of the PA with a series capacitor clipped to the MO plate tank coil, you can obtain the neutralization voltage further down the MO plate tank coil, and avoid the balanced tuned circuit on the PA plate, if the MO is a Hartley or push-pull. This method of coupling is inferior to link coupling if the PA is not physically close to the MO (i.e., on the same board) or if you desire to use the PA with multiple exciters.

Grounded-grid triode amps of course do not need neutralization, but that wouldn't be 1929-appropriate.

>
> I'd like to see some example circuits from '29 or earlier, if
> any exist. If it is part of a MOPA rig I can probably adapt
> it.

There is a MOPA described in a 1929-or-earlier edition of the ARRL Handbook. Bob Raide W2ZM sent me a photocopy many years ago; I can dig it out and scan/Email it to you if you like.

> My first guess at how to drive it would be a tuned tank on the
> grid, link coupled to the exciter. In other words, couple
> the antenna coil of the TNT to a link on the PA, probably
> using a twisted pair between the two links, possibly with
> a series variable condenser to optimize power transfer.

All those ideas are what I would recommend.

> That would be quite convenient for sake of using
> different exciters and/or switching between exciter only
> or exciter + PA. Are there problems with this? Better
> methods?

I think that's the best way.

> Concerning the scheme I propose, there is a
> voice in the dim recesses suggesting unwanted coupling
> between the PA plate tank and grid tank could cause some
> interesting troubles!
>

Yes, indeed; this is definitely an important consideration. I would put some distance between the PA plate tank and the (grid tank and MO plate tank), and put them at right angles to each other. Shielding the MO from the PA may also be require, if they are in close proximity. The Handbook MOPA mentioned above put the MO inside a metal shield (a growler, IIRC), but in that case the MO and PA where on the same board.

73,
-Larry/NE1S

5396. Re: [AWA Group] Can class A2 be used with Heising modulation?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 12:57:07 UTC
From: ne1s@securespeed.us
Topic: 5363 Message: 5396

>
> The only commercial uses I know for class A2 are the Speed Triple Twin
> tubes and RCA-type 6N6 tubes for receivers which were never too popular.
>

I had always wanted to play with those direct-coupled dual triode audio output tubes. A long time ago I had a 1930s console radio that used a pair PP in the output (forget exactly which tube type they were, but same idea as the 6N6) and it was a good-working and sounding radio - but I gave away the radio due to lack of space, the cabinet was in very poor condition (rotting and veneer missing/peeling), and the dial escutcheon was broken.

>
> Anyway, after thinking it over, I guess it would be simpler and easier to
> use just two 211 modulators in parallel running class A1, with a one stage
> speech amplifier. The overall modulator impedance will be a bit low but
> power drops off pretty slowly as impedance mismatch increases.
>

On my project list is a 1929 MOPA with a pair of parallel 211 Heising modulators - I had also concluded a pair would be necessary to modulate a single 203A. Lower -mu tubes make better Heising modulators - a pair of 845s would be ideal - but I don't have any of those.

> It sure is irritating to try to build telephony transmitters of the
> pre-class B modulation period.
>

Indeed!

73,
-Larry/NE1S

5397. Re: [AWA Group] Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 12:58:25 UTC
From: Eddy Swynar
Topic: 5381 Message: 5397

On 2012-01-26, at 5:35 PM, N1BUG wrote:

>
> Question: Is adding a separate PA stage a "29 legitimate" thing to do? Or would they have just built a new MOPA from the ground up?
>
> If my proposal isn't '29 appropriate, then I suppose the discussion can stop there, so far as my project ideas are concerned. It would be *great* to have an outboard stage I could use with more than one exciter, but I'm not prepared to violate my "'29 rule" for sake of it.
>
> If it is period appropriate to add a PA stage on a separate board, it looks to me like suitable tube choices would be a '203A or '211. I'd like to keep it to one tube, not a pair, so I don't have to rob more than one bank to build it! ;-) Comments? Other tube choices I've overlooked? I would like to get 50 watts out of it.
>
>
Hi Paul,

While this hardly approaches the power level you're looking for, it was my answer to boosting the output of my 245 Hartley a few years back, & effectively gave me a "new" MOPA in the process:

http://www.antiquewireless.org/otb/29amp.htm

A pair of 203A's / 211s in a p-p Colpitts set-up can be readily converted to a final PA stage, too, according to write-ups in my vintage ARRL HANDBOOKS...but I confess to my not trying to do that yet here with my "Rollins Rocket" rig...

~73~ de Eddy VE3CUI - VE3XZ

5398. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 15:28:09 UTC
From: Don Dulmage
Topic: 5342 Message: 5398

No I am not frequncy mutilpying and at HF it doesnt interest me anyway. No trouble to make a two band VFO and PA tank. In fact one rig is 80M 40M 30M , one 30M 40M , and this one 40M 30M 20M , no coil changIng. I understand that.
This is where I am currently mistified
" At RF we are usually talking about tuned
circuits on both plate and grid (it's difficult to get any gain without
them),
I guess because many circuits I have seen use a triode as a buffer amp (cap coupled) driving a PA amp I thought I could pull this off. So I tested it this morning . I removed the 6ag7s and hooked a small wire as a radiator to the grid input of these tubes. Signal is about double with the 6sl7 operating then with it disabled but I will have to test that further to make sure it isnt just the little antenna however the signal was clean and clear. I did not yet apply modulation to the rig but from intitial tests the mid section is working. and not going nuts. I tried it at both 40M and 80M.
"so unless I'm misunderstanding what you are doing I suspect both
triode stages will be oscillators, not amplifiers."
No they are not osc they are amps running class A bias: Signal comes from osc by cap to the grid of the first section from the plate of the first section by cap to the grid of the second section. By cap from the plate of the section section to the grid network of the 6AG7s .
Right now the signal coming in (to grid network of 6AG7s) is clean and the signal coming out is not definate. I am checking the tank as it may be off freq and I may at minimum have to pad it. I used a small value Variable here as I dont want to be able to tune the PA out of band. I would rather switch bands with a padder cap and tune specifically wth the variable. The Pa is working to some extent. I can here the hss in my monitor recver when I apply B+. It is quite strong and not there with the 6ag7s disabled . It is there though when only the 6ag7s are runnng and all other tubes removed.
I may bypass the midstage rf section (easy to do) and see what happens when I feed the 6ag7s direct from the 6sa7. I can still change it back . The two 6ag7 circuits would be similar in either case I think. just one would rive the other. Then I would probaly turn the 6sl7 into a twinplex rx (I know I am sick arent I)
Thanks for your patience with me Larry.
Don VE3LYX

5399. Re: [AWA Group] Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 15:36:27 UTC
From: N1BUG
Topic: 5381 Message: 5399

> Should be doable. And those are the most obvious choices for that power
> class. My only reservation is whether there ill be enough reserve driving
> power from a '10 to drive a 50 watter to 50W output, and maintain
> acceptable stability from the MO. I would use a '03 or '11 in the MO as
> well - at reduced plate voltage (adjust to produce the quantity of drive
> you require).

I've been wondering about that too. Data for the 203A and 211 show something like 65W output for 5W drive, but also contain a note that drive requirement will vary widely.

Although it increases complexity and cost considerably, how about a '10 MO driving a '10 driving a 50 watter?

I still need to decide on a tube. A 1929 ad for the UV-211 says it is advantageous for transmitters operating below 3000 Kc. That is somewhat worrisome. I'd like this to work well at 1.8 and 3.5 Mc. There is of course the UX-852 or UX-860 as Jon pointed out.

> Absolutely, no question. A non-neutralized grid-driven triode with tuned
> circuits at the grid and plate tuned to the same frequency will be a
> vigorous TPTG oscillator. Plate neutralization with a split stator
> condenser is the best way to go if you are going to link-couple.

OK I'm getting it now. In all the PAs I've built over the years, only one required neutralization: a pair of 4CX250Bs in P-P. And triodes... I've never worked with until the TNT.

I'm seeing two basic versions of the neutralization scheme. One, from the 1931 Handbook, uses a single section variable condenser, the "top" end of the plate tank coil is goes to the tube plate, the "bottom" end to the neutralizing condenser, which of course then connects to the grid; plate voltage is fed to the center of the tank coil, which point also goes back to the cathode through a DC blocking condenser.

The other scheme, which seems to have "taken over" in the 1936 Handbook, uses a split stator condenser. Plate voltage is still fed to the center of the tank coil, and the neutralizing condenser is still connected from the "bottom" end of the tank coil back to grid. The difference is the rotor of the split stator condenser goes back to the cathode (or ground) through a fixed condenser.

I'm assuming the latter scheme is considered better in some way? But I'm also wondering if the latter scheme is '29 appropriate? It's also harder to source the split stator condensers.

> There is a MOPA described in a 1929-or-earlier edition of the ARRL
> Handbook. Bob Raide W2ZM sent me a photocopy many years ago; I can dig it
> out and scan/Email it to you if you like.

Yes, please!

73,
Paul N1BUG

5400. Re: pi network - year?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 15:51:16 UTC
From: Don Dulmage
Topic: 5378 Message: 5400

Arthur Collins, who was my Dads employer during the mid 1950s had many things developed in his factories that are called Collins but were invented or developed by his engineers or techs. I will skip Dad's but I wil tell you about one Dan Fletcher who was teamed with Dad on many aircraft radio deign projects. On the radio for the AVRO ARROW alone Dad had told me Dan Fletcher had 17 patents for little devices he designed and made along the way with some of the first serious efforts at frequency synthizing (thorry I cant thpell) Some were purley mechanical devices too. One I remeber was the directional antenna control would jam at the hard accelaration of this world beating aircraft. Dan designed and made (and patented) a unique small flex joint the would eliminate the binding of the aircraft flexing from affecting the antennas ability to be moved. This joint is now in common use in many things . I think of him everytime I see one. An item was Collins but the designer was Dan or whoever made it. When you are working for a company designing things (or working for a college designing courses like I did for awhile) the product you produce no matter how wonderful is the property of the company that hired you to do it. SO it was probably the Everette guy who developed it (pi network)but he more than likley did it while working for ol AC hisself and hence it becomes the Collins system. My Dad enjoyed very much working for Collins and met Arthur C a number of times on trips to Cedar Rapids (used to be boneshaker rides in the Comapny Beechcraft but they finally let them fly commerciai which suited Dad better) or when he visted the Bumondsey Road plant in TO. What Dad didnt like was working on Gov contacts .He told me when he left . "You work for years trying to design and build the best aircraft radio there is and some idiot in Parliment cancels the whole deal in an hour. I cannot deal with that kind of waste." He has never completey recovered from that "Diefenbacher" fiasco. I never ever heard him though say a bad word about Collins. Either Arthur , or the Company.
Don VE3LYX

5401. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 18:28:15 UTC
From: Don Dulmage
Topic: 5342 Message: 5401

OK You were right. (But I suspected that all along cause your info has always been good, but now I know for sure!) I pulled the 6SL7 and bypassed to the grids of the PA. Large improvement (approx X6) even rigged like that. So now I need to split the "parallel" and cascade the 6AG7s, so to speak. (in grid out plate in grid out plate?) The 6sa7 has no trouble driving the 6ag7s . I will poke away at this till I get it working. The 6SL7 was quite literaly standing in the way. Can I feed both 6ag7 screens from a common point since they are already wired ? Despite the error I am having a blast and learning every minute. I have yet to plug in a mic. Maybe later when I finish bypassing the 6sl7. Power level right now with the 6SL7 bypassed and the finals still parallel is almost exactly what my 50l6 rig does barefoot. And it drives my linear fine . I should have some more with the 6ag7s cascaded , right. So I can push the linear a bit more. All of the sudden a pair of 813s , one Rf and one modulating the Rf tubes plate with the appropriate speach amp etc are beginning to look attractive. Low level modlation is not the easy path I think but then I have never done the other so I speak unknowingly.
Don VE3LYX

5402. Re: pi network year

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 18:47:27 UTC
From: JAMES HANLON
Topic: 5402 Message: 5402

Paul,

Art Collins article, "A Universal Antenna Coupling System for Modern Transmitters" appeared in QST, February 1934, pages 15 to 17, 86 and 88. The QST Editor referenced Everitt, "Output Networks for Power Amplifiers," Proc I.R.E., May 1931 twice during the article.

I can scan the QST article and send it to you if you like.

Jim Hanlon, W8KGI

5403. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 19:03:36 UTC
From: ne1s@securespeed.us
Topic: 5342 Message: 5403

> No I am not frequncy mutilpying and at HF it doesnt interest me anyway. No
> trouble to make a two band VFO and PA tank. In fact one rig is 80M 40M 30M
> , one 30M 40M , and this one 40M 30M 20M , no coil changIng. I understand
> that.

OK. I thought so, but was trying to be thorough in my comments.

> This is where I am currently mistified
>> " At RF we are usually talking about tuned
>> circuits on both plate and grid (it's difficult to get any gain without
>> them),
> I guess because many circuits I have seen use a triode as a buffer amp
> (cap coupled) driving a PA amp I thought I could pull this off.

RF amplifiers? Not neutralized? Been in this hobby for 25 years, and I've never seen it. Can you provide a reference? (It's not that I don't believe you - I just would like to see what they're doing).

> So I
> tested it this morning . I removed the 6ag7s and hooked a small wire as a
> radiator to the grid input of these tubes. Signal is about double with the
> 6sl7 operating then with it disabled but I will have to test that further
> to make sure it isnt just the little antenna however the signal was clean
> and clear. I did not yet apply modulation to the rig but from intitial
> tests the mid section is working. and not going nuts. I tried it at both
> 40M and 80M.

One thing I'd do: Pull out the osc tube, mixer tube, and 6AG7's, then put some sort of RF detector on the plate of the 6SL7 plate circuit - say, a 60mA pilot light across a loop coupled to the tank on the 2nd 6SL7 triode, or a neon bulb in close proximity to the coil. Then diddle with the 3 tuned circuits involved - grid of the 1st 6SL7 triode, the one at the plate of the 1st triode/grid of the 2nd triode. and finally the one at the plate of the 2nd triode/6AG7 grid circuit. If you detect RF, one or both of the 6SL7 triode stages is oscillating.

You could also listen in a receiver but it will be hit-or-miss whether it will be oscillating on the frequency being monitored.

>> "so unless I'm misunderstanding what you are doing I suspect both
>> triode stages will be oscillators, not amplifiers."
> No they are not osc they are amps running class A bias: Signal comes from
> osc by cap to the grid of the first section from the plate of the first
> section by cap to the grid of the second section. By cap from the plate of
> the section section to the grid network of the 6AG7s .

What I had meant was, that what you had designed and intended as amplifiers will instead behave as oscillators. It's the EE version of Murphy's law: "Amplifiers oscillate, and oscillators won't." But by using a non-neutralized grounded-cathode tuned RF amp you are virtually guaranteeing oscillation: there is nothing distinguishing it from a TPTG circuit.

Really, I don't mean to be a downer but what you are trying to do here goes against all theory and "good engineering practice." There is every reason for it not to work, and I know you want to be successful. Please don't be offended, that's not my intent.

> Right now the signal coming in (to grid network of 6AG7s) is clean and the
> signal coming out is not definate. I am checking the tank as it may be off
> freq and I may at minimum have to pad it. I used a small value Variable
> here as I dont want to be able to tune the PA out of band. I would rather
> switch bands with a padder cap and tune specifically wth the variable. The
> Pa is working to some extent. I can here the hss in my monitor recver
> when I apply B+. It is quite strong and not there with the 6ag7s disabled
> . It is there though when only the 6ag7s are runnng and all other tubes
> removed.

A couple of possibilities:

VHF parasitics in the 6AG7 stages (stopper resistors on each control grid (15-22 ohms)? Parasitic suppressors on each plate? All as close to the respective tube pin as possible?)

RF chokes in the grid (or 6SL7) plate circuit and 6AG7 plate circuit close to the same self-resonant frequency making the stage take off at some unknown frequency?

In any case, a hiss sounds to me like it's taking off into superregeneration. (oscillation at some HF or VHF frequency modulated by a supersonic lower frequency).

> I may bypass the midstage rf section (easy to do) and see what happens
> when I feed the 6ag7s direct from the 6sa7. I can still change it back .

Worth a try, but I'm pretty sure the signal from the 6SA7 will be too puny to get any appreciable output (worthy of hooking to an antenna) from the 6AG7s.

> The two 6ag7 circuits would be similar in either case I think. just one
> would rive the other.

Yep.

>Then I would probaly turn the 6sl7 into a twinplex
> rx (I know I am sick arent I)

Aren't we all!

> Thanks for your patience with me Larry.

And yours with me :-)

73,
-Larry/NE1S

5404. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 19:38:59 UTC
From: ne1s@securespeed.us
Topic: 5342 Message: 5404

> OK You were right. (But I suspected that all along cause your info has
> always been good, but now I know for sure!) I pulled the 6SL7 and bypassed
> to the grids of the PA. Large improvement (approx X6) even rigged like
> that.

Progress! That's good.

>So now I need to split the "parallel" and cascade the 6AG7s, so to
> speak. (in grid out plate in grid out plate?)

Yep.

> The 6sa7 has no trouble
> driving the 6ag7s .

To full output? A power amp with parallel 6AG7s should give you about 3W of AM RF carrier (12W peak, or 12W on CW). I could ber wrong, but I'd be surprised if the 6SA7 has enough RF voltage output to do that - you need about 25V peak-to-peak of RF at the 6AG7 grids to accomplish it.

>I will poke away at this till I get it working. The
> 6SL7 was quite literaly standing in the way. Can I feed both 6ag7 screens
> from a common point since they are already wired ?

The 6AG7s are presently configured as a power amplifier. You now need to configure them as voltage amplifiers. Use 100K grid resistors on each stage, and feed the B+ voltage through a 15K, 2W resistor to each screen grid. Each screen grid remains bypassed to ground. Add a 39K, 2W resistor from each screen grid to ground (i.e., across each screen bypass cap). Keep the ~ -9V bias on the grids (a separate 9V battery, bypassed for RF, at the bottom of each 100K grid resistor, for example. Or from a common battery or 9V supply, but you'll need to decouple the two stages for RF).

I would suggest a sweep tube linear stage as the final PA. Using a 6CD6, or 6EX6, or 6DQ5, etc. should allow you to run about 10-15W of AM carrier RF output with 750V on the plate and ~175V on the screen grid. That's what I would do to fill the extra hole in your chassis. I can provide more specific information should you decide to do this.

>Despite the error I am
> having a blast and learning every minute.

There is no learning experience as effective as proving it to yourself!

>I have yet to plug in a mic.
> Maybe later when I finish bypassing the 6sl7. Power level right now with
> the 6SL7 bypassed and the finals still parallel is almost exactly what my
> 50l6 rig does barefoot.

How many watts is that, again? (My SWAG is around a watt).

> And it drives my linear fine . I should have some
> more with the 6ag7s cascaded , right. So I can push the linear a bit more.
> All of the sudden a pair of 813s , one Rf and one modulating the Rf tubes
> plate with the appropriate speach amp etc are beginning to look
> attractive. Low level modlation is not the easy path I think but then I
> have never done the other so I speak unknowingly.

You are right - there are more potential pitfalls with low-level
modulation and linear amplification than with plate modulation of a class
C RF amp.

73/GL,
-Larry/NE1S

5405. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 20:56:37 UTC
From: Don Dulmage
Topic: 5342 Message: 5405

Ok. I split the parallel and fed the second 6AG7 with a 4 turn link from the first ones tank . I just did a quick test. Meter shows 4 watts (carrier) into the dummy. The tank is not right yet but closer and I had no pi at the end , just a .01 for the test. . I will be using my tuner as it is a classic pi . If I can get it all together and not lose any of my 4 watts I will be pleased.
Don VE3LYX

5406. Re: [AWA Group] Re: pi network year

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 21:38:32 UTC
From: N1BUG
Topic: 5402 Message: 5406

Hi Jim,

Thanks for that information. It seems to confirm what I read on some web site about Everitt having first published it in 1931.

I appreciate the offer to scan the article, but at this point there is no need. I was trying to determine if it would be appropriate (under my own guidelines) to use a pi network in my 1929 station. Sadly it appears it is not, so I'm back to contemplating my next move.

By the way Jim, I heard you during the recent Linc Cundall contest, but was not able to work you.

73,
Paul N1BUG

On 01/27/2012 01:47 PM, JAMES HANLON wrote:

Paul,

Art Collins article, "A Universal Antenna Coupling System for Modern Transmitters" appeared in QST, February 1934, pages 15 to 17, 86 and 88. The QST Editor referenced Everitt, "Output Networks for Power Amplifiers," Proc I.R.E., May 1931 twice during the article.

I can scan the QST article and send it to you if you like.

Jim Hanlon, W8KGI

5407. Fwd: Dot-dash-diss: The gentleman hacker's 1903 lulz - tech - 27 December 2011 - New Scientist

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 00:02:58 UTC
From: Jim Robson
Topic: 5407 Message: 5407

AWAGroup friends--thought you might be interested, on a Friday evening,
in link below which was forwarded to me from friend VE6PG.

-------- Original Message --------
Subject: Dot-dash-diss: The gentleman hacker's 1903 lulz - tech - 27
December 2011 - New Scientist

http://www.newscientist.com/article/mg21228440.700-dotdashdiss-the-gentleman-hackers-1903-lulz.html?full=true

5408. Re: pi network - year?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-27 23:35:58 UTC
From: Don Dulmage
Topic: 5378 Message: 5408
Attachments: 1 described; binary payloads are missing from this source WARC

Not always the way we think of it either. Had this in my junk box for about 25 years. Time it went back to work I think. I dont know if Dad gave it to me or my older brother Ron (Mr Surplus back in the day)

Don VE3LYX

5409. Re: [AWA Group] Fwd: Dot-dash-diss: The gentleman hacker's 1903 lulz - tech - 27 December 2011 - New Scientist

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 00:15:48 UTC
From: Louis Vermond
Topic: 5407 Message: 5409

Jim,

Knew of the hacking, but little else. Vr\yu FB & tks.... Lou

----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com ; tim Smith
Sent: 2012-01-27 7:02 PM
Subject: [AWA Group] Fwd: Dot-dash-diss: The gentleman hacker's 1903 lulz - tech - 27 December 2011 - New Scientist

AWAGroup friends--thought you might be interested, on a Friday evening, in link below which was forwarded to me from friend VE6PG.

-------- Original Message -------- Subject: Dot-dash-diss: The gentleman hacker's 1903 lulz - tech - 27 December 2011 - New Scientist

http://www.newscientist.com/article/mg21228440.700-dotdashdiss-the-gentleman-hackers-1903-lulz.html?full=true

5410. Re: [AWA Group] Fwd: Dot-dash-diss: The gentleman hacker's 1903 lulz - tech - 27 December 2011 - New Scientist

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 01:28:56 UTC
From: Jim Robson
Topic: 5407 Message: 5410

QSL, Lou, my friend. Question from a new guy: on 40M there seems to
be intentional QRM. The guys are patient but the noise is persistent.
Any thoughts from the group about addressing or managing? VE3BHK

On 27/01/12 7:15 PM, Louis Vermond wrote:
>
> Jim,
> Knew of the hacking, but little else. Vr\yu FB & tks.... Lou
>
> ----- Original Message -----
> *From:* Jim Robson <mailto:nc101x@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com> ;
> tim Smith <mailto:ve6pg@...>
> *Sent:* 2012-01-27 7:02 PM
> *Subject:* [AWA Group] Fwd: Dot-dash-diss: The gentleman hacker's
> 1903 lulz - tech - 27 December 2011 - New Scientist
>
> AWAGroup friends--thought you might be interested, on a Friday
> evening, in link below which was forwarded to me from friend VE6PG.
>
> -------- Original Message --------
> Subject: Dot-dash-diss: The gentleman hacker's 1903 lulz - tech -
> 27 December 2011 - New Scientist
>
>
>
>
> http://www.newscientist.com/article/mg21228440.700-dotdashdiss-the-gentleman-hackers-1903-lulz.html?full=true
>
>
>

5411. Re: [AWA Group] Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 03:22:11 UTC
From: jon_ab9zg
Topic: 5381 Message: 5411

Then there is grid neutralization as well, as shown by this RCA schematic. It is from 1934 but appears to be 1929 compliant with the possible exception of cathode bias of RF power amplifiers.
I think the use of split stator condensers for better neutralization may have been first discussed in QST in the January 1934 issue ("Improving the Performance of the Neutralized Power Amplifier")

The 211/203A are just fine for the longer wave amateur bands, as shown by this chart:

5412. Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 14:20:54 UTC
From: Don Dulmage
Topic: 5381 Message: 5412

Why does it have to be a triode. I believe there were multi grid tubes in 1929. I just added a PA to my 1930 style rig. Took about an hour and a half. And it works. Not 50W but i didnt want 50 ws I was looking for about double and am pleased with that. It is a Hartley tx not a TNT but shouldn't make any difference other than the advantages a Hartley has to offer.
Don VE3LYx

5413. KB0MM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 14:36:17 UTC
From: Mike Feher
Topic: 5413 Message: 5413

Please welcome KB0MM to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5414. Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 16:04:05 UTC
From: Jon
Topic: 5381 Message: 5414

One more comment and then I'll shut up:

How about P-P 865 tubes?

The extra complexity of a second tube and socket are weighed by a number of benefits:

They use regular four-pin receiver sockets which are easier to find than genuine 1920's 50 watter sockets.

No neutralization is needed so a condenser is saved.

Easy to drive (for the time) so a buffer stage would most likely not be needed.

Use the same 7.5 volts on the filament as the 210.

Maximum 750 volts on the plate so no insane voltages or hard to find high-voltage parts are needed.

The tubes sell for peanuts on ebay since the audiophools don't like them.

Rated at 45 watts input and 15 watts dissipation so 50 watts output from a pair should be achievable assuming 65% efficiency.

5415. Re: [AWA Group] Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 16:10:36 UTC
From: Eddy Swynar
Topic: 5381 Message: 5415

Hi Jon,

Very sexy-looking, too, if such a thing may be reasonably said about glass-housed vacuum...!

What year did the 865 first make its appearance...?

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-01-28, at 11:04 AM, Jon wrote:

> One more comment and then I'll shut up:
>
> How about P-P 865 tubes?
>
> The extra complexity of a second tube and socket are weighed by a number of benefits:
>
> They use regular four-pin receiver sockets which are easier to find than genuine 1920's 50 watter sockets.
>
> No neutralization is needed so a condenser is saved.
>
> Easy to drive (for the time) so a buffer stage would most likely not be needed.
>
> Use the same 7.5 volts on the filament as the 210.
>
> Maximum 750 volts on the plate so no insane voltages or hard to find high-voltage parts are needed.
>
> The tubes sell for peanuts on ebay since the audiophools don't like them.
>
> Rated at 45 watts input and 15 watts dissipation so 50 watts output from a pair should be achievable assuming 65% efficiency.
>
>
>
>

5416. Re: [AWA Group] Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 16:25:33 UTC
From: Eddy Swynar
Topic: 5381 Message: 5416

Hi Jon,

Now I really AM curious as to the timeline of the 865:

http://www.ebay.com/itm/1-VACUUM-TUBE-VT-55-865-RCA-/320830127300?pt=Vintage_Electronics_R2&hash=item4ab2f73cc4#ht_646wt_1398

The poor thing couldn't even fetch a paltry ninety-nine cents!

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-01-28, at 11:10 AM, Eddy Swynar wrote:

> Hi Jon,
>
> Very sexy-looking, too, if such a thing may be reasonably said about glass-housed vacuum...!
>
> What year did the 865 first make its appearance...?
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
>
> **********
>
>
>
> On 2012-01-28, at 11:04 AM, Jon wrote:
>
>> One more comment and then I'll shut up:
>>
>> How about P-P 865 tubes?
>>
>> The extra complexity of a second tube and socket are weighed by a number of benefits:
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>> They use regular four-pin receiver sockets which are easier to find than genuine 1920's 50 watter sockets.
>>
>> No neutralization is needed so a condenser is saved.
>>
>> Easy to drive (for the time) so a buffer stage would most likely not be needed.
>>

>> Use the same 7.5 volts on the filament as the 210.
>>
>> Maximum 750 volts on the plate so no insane voltages or hard to find high-voltage parts are needed.
>>
>> The tubes sell for peanuts on ebay since the audiophools don't like them.
>>
>> Rated at 45 watts input and 15 watts dissipation so 50 watts output from a pair should be achievable assuming 65% efficiency.
>>
>>
>>
>>
>

5417. Re: [AWA Group] Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 16:25:42 UTC
From: AB9ZG
Topic: 5381 Message: 5417

1929. March, if I recall correctly.

From: Eddy Swynar <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, January 28, 2012 10:10 AM
Subject: Re: [AWA Group] Re: Adding a PA stage?

Hi Jon,

Very sexy-looking, too, if such a thing may be reasonably said about glass-housed vacuum...!

What year did the 865 first make its appearance...?

~73~ de Eddy VE3CUI - VE3XZ

5418. kb0mm

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 16:39:40 UTC
From: dickens501@frontiernet.net
Topic: 5418 Message: 5418

Hi Burt. welcome aboard.
Tom
w0lgu

5419. Re: [AWA Group] Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 16:53:24 UTC
From: N1BUG
Topic: 5381 Message: 5419

Thanks for all the information Jon. I will seriously look into the P-P pair of 865s. I'm still considering your earlier suggestion of the 860, despite the problems arising from the use of higher voltage.

Please don't shut up if you think of any more ideas. I'm wide open to suggestions!

The problem of finding a socket for the 203A/211 had already occurred to me. In the first place I have no idea how to identify a genuine 1920s socket for those.

I'm very confused about the tetrodes at the moment though.

I've not yet been able to find any 1920s schematics using them. I'm comfortable with tetrodes and confident I could get them working, but wouldn't know if I violated any "29" rules if I do it without guidance.

I'm also puzzled by the very low class C efficiency. If one believes the data sheets, 45% for the 860 and 53% for the 865. If that is really all one can expect, I would have to run a pair of 865s pretty hard to get 50W out. It may be the data sheets aren't telling the whole story.

I can see it is going to be tough figuring out what direction to go with this project. :-)

73,
Paul N1BUG

On 01/28/2012 11:04 AM, Jon wrote:
One more comment and then I'll shut up:

How about P-P 865 tubes?

The extra complexity of a second tube and socket are weighed by a number of benefits:

They use regular four-pin receiver sockets which are easier to find than genuine 1920's 50 watter sockets.

No neutralization is needed so a condenser is saved.

Easy to drive (for the time) so a buffer stage would most likely not be needed.

Use the same 7.5 volts on the filament as the 210.

Maximum 750 volts on the plate so no insane voltages or hard to find high-voltage parts are needed.

The tubes sell for peanuts on ebay since the audiophools don't like them.

Rated at 45 watts input and 15 watts dissipation so 50 watts output from a pair should be achievable assuming 65% efficiency.

5420. Aha! Tetrode MOPAs!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 18:16:42 UTC
From: N1BUG
Topic: 5420 Message: 5420

Found a couple of very interesting things while contemplating my project.

Pair of 27s MO driving 865 PA:
http://www.qsl.net/ab0cw/1929mopa.htm

10 MO driving 860 PA:
http://www.qsl.net/ab0cw/860tx.htm

Apparently they are from Feb/Mar 1931 QST. Anyone see anything that violates my 1929 criteria? Anyone having those QSTs willing to scan the "source" articles?

73,
Paul N1BUG

5421. RE: [AWA Group] Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 18:27:05 UTC
From: Steve Flood
Topic: 5381 Message: 5421

GM Paul,

I was also puzzled by the low Class C efficiency on the 865 data sheet. However, with a little work I was able to get 70% efficiency out of my 865 PA stage driven by a Hartley '45 (MOPA) and I didn't even go into Class C. The -83v of bias on the spec sheet sets the tube near cutoff, and I have enough drive for 9 - 10mA grid current. If I'm interpreting things correctly, I guess this would be Class B or B/C depending on opinion. Here are my operating conditions.

For 10watts input

Oscillator = 395v at 32mA

PA = 380v @ 26mA

Bias = -83 volts

Grid current = 9.35mA

Power Out = 7 watts (measured with LP-100A Digital Vector Wattmeter to 50 ohm load)

Efficiency = 70%

For 20 watts input

Oscillator = 420v at 33mA

PA = 560v @ 36mA

Bias = -83 volts

Grid current = 10.3mA

Power Out = 14.2 watts (measured with LP-100A Digital Vector Wattmeter to 50 ohm load)

Efficiency = 70%

I thought about trying Class C with a bigger oscillator (841 or a 10) and extra bias on the 865, but I like what I have well enough now and will leave it alone for the time being. Other projects await!

Steve KK7UV.

5422. Re: [AWA Group] Aha! Tetrode MOPAs!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 18:59:48 UTC
From: N1BUG
Topic: 5420 Message: 5422

I have the QST articles mentioned due to some VERY quick work by Steve, KK7UV. Thanks Steve!

73,
Paul N1BUG

On 01/28/2012 01:16 PM, N1BUG wrote:
Found a couple of very interesting things while contemplating my project.

Pair of 27s MO driving 865 PA:
http://www.qsl.net/ab0cw/1929mopa.htm

10 MO driving 860 PA:
http://www.qsl.net/ab0cw/860tx.htm

Apparently they are from Feb/Mar 1931 QST. Anyone see anything that violates my 1929 criteria? Anyone having those QSTs willing to scan the "source" articles?

73,
Paul N1BUG

5423. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 14:36:16 UTC
From: Don Dulmage
Topic: 5342 Message: 5423

I would suggest a sweep tube linear stage as the final PA. Using a 6CD6,
or 6EX6, or 6DQ5, etc. should allow you to run about 10-15W of AM carrier
Now there is a great idea! I will see if I can wiggle in another tuned circuit.
Thanks
. I have a couple of sweep tube linear circuits here. some using those tubes. I also have a homebrew linear someone gave me with pair of 6lc6 or was it 6cl6s running grd grid but I have no idea how to run it. It has no meter just neon bulbs for tuning.It kind of frightnes me. I had a V(Hammond under last name) linear I got in exchange for some comapny shares years ago. Never had the guts to push it hard. Maybe 600 was as high as I went. 10 to 50 watts interests me a lot more than 1 to 2KW.
Don VE3LYX

5424. 1929?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 20:27:00 UTC
From: Leonard Meek
Topic: 5424 Message: 5424

Hi guys, I'm not a ham, and I probably have no business asking this, but what is the fascination with "1929?" I know that's when talking movies came out and Lindberg was flying around, but what else was there, particularly with radio? My favorite era was the 1930's. That's when the things that influenced me the most were going on. If my question is inappropriate, I'll just sit down and shut up.

Leonard

5425. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 20:21:26 UTC
From: Don Dulmage
Topic: 5342 Message: 5425
Attachments: 1 described; binary payloads are missing from this source WARC

RF amplifiers? Not neutralized? Been in this hobby for 25 years, and I've never seen it. Can you provide a reference?

This is the one I think of all the time. I have used it too . So much so I dont even look up the schematic. I get it to work but if I understand correctly I may be losing a lot in the process vrs a tuned coupling?
Don VE3LYx

5426. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 20:25:39 UTC
From: Don Dulmage
Topic: 5342 Message: 5426
Attachments: 1 described; binary payloads are missing from this source WARC

I would suggest a sweep tube linear stage as the final PA. Using a 6CD6, or 6EX6, or 6DQ5, etc. should allow you to run about 10-15W of AM carrier

Larry , you are a genus. I have a 6l6 standing in to pretend because I have no octal sweep tubes (yet)
I like it! Great idea. I already rewired part of the socket and made another coil link assembly . I am on the hunt for another not too big but HV variable cap that I can fit in.
Don VE3LYX

5427. Re: [AWA Group] 1929?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 20:40:32 UTC
From: Eddy Swynar
Topic: 5424 Message: 5427

On 2012-01-28, at 3:27 PM, Leonard Meek wrote:

>
> Hi guys, I'm not a ham, and I probably have no business asking this, but what is the fascination with "1929?" I know that's when talking movies came out and Lindberg was flying around, but what else was there, particularly with radio? My favorite era was the 1930's. That's when the things that influenced me the most were going on. If my question is inappropriate, I'll just sit down and shut up.
>

Hi Leonard,

Well, 1929 was sort of "...the fork in the road" when it came to Ham radio...

It was the year of tougher, new federal regulations---signal quality was to be much more stringent in 1929, & the ARRL really put on a drive for Hams to pull up their socks, so to speak, & start using better transmitters. There were all kinds of feature technical articles in QST in the months preceding 1929, usually with titles / references specifically to 1929.

The legendary Ross Hull held the banner high in that regard & personally penned many of the pieces.

The year was also the start of the international Amateur radio call sign prefixes as we know them to-day: for example, "3CUI" (or, as it was "unofficially" known "ca3CUI") became VE3CUI as call areas become "modernized".

All-in-all, it was an epochal year for Hams, in more ways than one...

~73~ de Eddy VE3CUI - VE3XZ

5428. Re: [AWA Group] 1929?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 20:51:15 UTC
From: Leonard Meek
Topic: 5424 Message: 5428

Thanks, Eddy. That's been bugging me for a while. I can now see why it's so significant. Thanks again.

Leonard

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: Saturday, January 28, 2012 10:40 AM
Subject: Re: [AWA Group] 1929?

On 2012-01-28, at 3:27 PM, Leonard Meek wrote:

Hi guys, I'm not a ham, and I probably have no business asking this, but what is the fascination with "1929?" I know that's when talking movies came out and Lindberg was flying around, but what else was there, particularly with radio? My favorite era was the 1930's. That's when the things that influenced me the most were going on. If my question is inappropriate, I'll just sit down and shut up.

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Well, 1929 was sort of "...the fork in the road" when it came to Ham radio...

It was the year of tougher, new federal regulations---signal quality was to be much more stringent in 1929, & the ARRL really put on a drive for Hams to pull up their socks, so to speak, & start using better transmitters. There were all kinds of feature technical articles in QST in the months preceding 1929, usually with titles / references specifically to 1929.

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The year was also the start of the international Amateur radio call sign prefixes as we know them to-day: for example, "3CUI" (or, as it was "unofficially" known "ca3CUI") became VE3CUI as call areas become "modernized".

All-in-all, it was an epochal year for Hams, in more ways than one...

~73~ de Eddy VE3CUI - VE3XZ

5429. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 21:21:18 UTC
From: Larry Szendrei
Topic: 5342 Message: 5429

On 1/28/2012 9:36 AM, Don Dulmage wrote:
>
> ouple of sweep tube linear circuits here. some using those tubes. I
> also have a homebrew linear someone gave me with pair of 6lc6 or was
> it 6cl6s running grd grid but I have no idea how to run it. It has no
> meter just neon bulbs for tuning.It kind of frightnes me. I had a
> V(Hammond under last name) linear I got in exchange for some comapny
> shares years ago. Never had the guts to push it hard. Maybe 600 was as
> high as I went. 10 to 50 watts interests me a lot more than 1 to 2KW.
> Don VE3LYX
>
>
Don - if it is indeed a 6CL6 in that amp, that is nothing more or less
than a miniature version of the 6AG7! Essentially the same innards and
specs.

73,
-Larry/NE1S

5430. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 21:34:41 UTC
From: Larry Szendrei
Topic: 5342 Message: 5430

On 1/28/2012 3:21 PM, Don Dulmage wrote:
>
> RF amplifiers? Not neutralized? Been in this hobby for 25 years, and I've
> never seen it. Can you provide a reference?
> This is the one I think of all the time. I have used it too . So much
> so I dont even look up the schematic. I get it to work but if I
> understand correctly I may be losing a lot in the process vrs a tuned
> coupling?
>

Oh, OK. I don't know if you edited it out or if I had forgotten to say, but I was specifically referring to a triode stage with tuned circuits on both the grid and plate, tuned to the same frequency.

In your schematic, both tubes are beam power tetrodes, and the 6V6 plate/6L6 grid is untuned, as well. Totally different animal.

73,
-Larry/NE1S

5431. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 21:36:36 UTC
From: Larry Szendrei
Topic: 5342 Message: 5431

On 1/28/2012 3:25 PM, Don Dulmage wrote:
>
>
> Larry , you are a genus. I have a 6l6 standing in to pretend because I
> have no octal sweep tubes (yet)
> I like it! Great idea. I already rewired part of the socket and made
> another coil link assembly . I am on the hunt for another not too big
> but HV variable cap that I can fit in.
>

I almost suggested a 6L6 or 807, but instead thought the sweep tube
would be better because you'd get about twice the output.

73,
-Larry/NE1S

5432. Speaking of the 865...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-28 21:40:11 UTC
From: Bauman, John
Topic: 5432 Message: 5432

Here's a link on the SCR-178, a 1930's vintage military comms set using a #10 and 865 in MOPA. The #10 is in a self excited Hartley circuit driving the 865 to 8 watts out. Way over-
kill, which is the military way.

http://people.csail.mit.edu/sw/html/NS1W/scr-178.html

So the 865 has potential...

Wouldn't this be fun on 80 mtrs???

John
KB7NRN

5433. Re: [AWA Group] kb0mm

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-29 00:02:01 UTC
From: Burt
Topic: 5418 Message: 5433

Hi Tom!

Just kinda got on here by accident. This will be
interesting I am sure.

73 for now,

Burt KB0MM

On Sat, 2012-01-28 at 16:39 +0000, dickens501@... wrote:
>
> Hi Burt. welcome aboard.
> Tom
> w0lgu
>
>
>
>

5434. [AWA Group] Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-29 04:17:13 UTC
From: Jon
Topic: 5381 Message: 5434

As far as tetrode efficiency, I did a test with an 865:

Plate voltage 750v
Plate current 60mA
Screen voltage derived from plate voltage with a 45k series resistor.
Grid voltage -105 volts from grid leak resistor
Grid current 7 mA

At 3500kc, output power was approximately 31 watts (69%), measured by checking the voltage across a 47 ohm resistor using my CRO. I don't have any fancy watt-meters. The load resistor was capacitively tapped directly to the PA tank, not inductively coupled. A fairly high-impedance tank circuit was used to maximize efficiency. Your results may vary.

Here's an example of a 1929 broadcast transmitter using tetrodes.
<http://www.wticalumni.com/museum/qst_magazine/page2.htm>

1929 phone transmitter using 865 buffer.
<http://www.arrl.org/files/file/Technology/tis/info/pdf/29hb098.pdf>

5435. Re: [AWA Group] 1929?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-29 12:31:41 UTC
From: N1BUG
Topic: 5424 Message: 5435

Hi Leonard,

Eddy explained the situation with changing rules and emphasis on cleaning up signals.

1929 (or earlier) gear is of particular interest for some due to the rules for one of our popular ham radio operating events, the Bruce Kelley Memorial CW QSO Party. The rules state the design must predate 1929. You'll have to ask someone more knowledgeable why that date was chosen.

For me, 1929 was a personal choice. Just as your favorite era is the 1930s, mine is the 1920s. There has always been something special to me about 1920s stuff, especially transmitters. I just like the way they look! It always seems to me the beauty started to erode in the early 30s. Bear in mind, of course, beauty is in the eye of the beholder! The ST tube shape was introduced. Gear started to be built on metal chassis instead of breadboards. Knurled thumb nuts quickly vanished from tube sockets, chokes, transformers, etc. The days of each manufacturer having their own unique designation for a particular tube type came to and end. There is absolutely nothing wrong with 1930s or later stuff! It's just that for me there is something special about the 1920s parts and circuits. I admit choosing 1929 was somewhat arbitrary. Everything didn't instantly change on January 1, 1930! But I felt I needed to set a guideline for myself, and the 1929 cutoff date seemed a logical choice.

So to answer your question I think there are a variety of reasons 1929 is so often mentioned.

Best regards,
Paul in Maine
(about go go shovel more snow!)

On 01/28/2012 03:27 PM, Leonard Meek wrote:

Hi guys, I'm not a ham, and I probably have no business asking this, but what is the fascination with "1929?" I know that's when talking movies came out and Lindberg was flying around, but what else was there, particularly with radio? My favorite era was the 1930's. That's when the things that influenced me the most were going on. If my question is inappropriate, I'll just sit down and shut up.

Leonard

5436. Re: [AWA Group] Tetrode/Triode Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-29 13:10:50 UTC
From: N1BUG
Topic: 5381 Message: 5436

For Don...

It doesn't have to be a triode at all. It's just that I wasn't finding any example circuits using the tetrodes and the tube data sheets made them look really inefficient. That made me nervous about them. Subsequent to your question I found some example circuits and two group members have kindly provided data showing the 865 tetrode is every bit as efficient as a good triode. The tetrodes are looking a lot more attractive than they were 24 hours ago!

50W was somewhat arbitrarily chosen. My final choice of design may fall on either side of that figure. I've never been much of a low power operator. My favorite band is 160. I got bored out of my mind a few years back and decided to see what I could work on 160 with 5 watts. I was shocked what could be done! So yes it can most certainly be done, but I did find I had to choose my nights. It didn't take much atmospheric QRN or disturbance from aurora to knock me out of the game. So for the OT rig I want to add a bit more punch to it so I can fire up more or less whenever the mood strikes and be able to make QSOs on my "home band".

73,
Paul N1BUG

5437. Re: [AWA Group] 1929?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-29 13:11:52 UTC
From: Louis Vermond
Topic: 5424 Message: 5437

Well sed, Paul. GM, Lou

----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: 2012-01-29 7:31 AM
Subject: Re: [AWA Group] 1929?

Hi Leonard,

Eddy explained the situation with changing rules and emphasis on cleaning up signals.

1929 (or earlier) gear is of particular interest for some due to the rules for one of our popular ham radio operating events, the Bruce Kelley Memorial CW QSO Party. The rules state the design must predate 1929. You'll have to ask someone more knowledgeable why that date was chosen.

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So to answer your question I think there are a variety of reasons 1929 is so often mentioned.

Best regards,
Paul in Maine
(about go go shovel more snow!)

On 01/28/2012 03:27 PM, Leonard Meek wrote:

Hi guys, I'm not a ham, and I probably have no business asking this, but what is the fascination with "1929?" I know that's when talking movies came out and Lindberg was flying around, but what else was there, particularly with radio? My favorite era was the 1930's. That's when the things that influenced me the most were going on. If my question is inappropriate, I'll just sit down and shut up.

Leonard

5438. Re: [AWA Group] Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-29 13:50:20 UTC
From: N1BUG
Topic: 5381 Message: 5438

Thanks again Jon!

You are the second group member who has provided data showing efficiency of about 70% for the 865. It looks like another case where tube data books for whatever reason make things look worse than reality. I can't say I'm all that surprised. I saw the same thing years ago with a 4-400A.

Suddenly the tetrodes are looking to be "in". I admit to being power hungry and I see the 860 is readily available but the power supply and relative rarity of early high voltage variable condensers make it a questionable choice. Unfortunately I see no current or recently completed listings for UX-865's but they will now be on my daily hunt.

Of course if anyone has UX-865's to trade or sell you know where to find me... ;-)

73,
Paul N1BUG

On 01/28/2012 11:17 PM, Jon wrote:
As far as tetrode efficiency, I did a test with an 865:

Plate voltage 750v
Plate current 60mA
Screen voltage derived from plate voltage with a 45k series resistor.
Grid voltage -105 volts from grid leak resistor
Grid current 7 mA

At 3500kc, output power was approximately 31 watts (69%), measured by checking the voltage across a 47 ohm resistor using my CRO. I don't have any fancy watt-meters. The load resistor was capacitively tapped directly to the PA tank, not inductively coupled. A fairly high-impedance tank circuit was used to maximize efficiency. Your results may vary.

Here's an example of a 1929 broadcast transmitter using tetrodes.
(http://www.wticalumni.com/museum/qst_magazine/page2.htm)

1929 phone transmitter using 865 buffer.
(http://www.arrl.org/files/file/Technology/tis/info/pdf/29hb098.pdf)

5439. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-29 14:29:28 UTC
From: Don Dulmage
Topic: 5342 Message: 5439

It is amazing what a pair of glasses will tell you. I just went and pulled one of the tubes in that linear. 6LQ6. Not tubes I am familiar with . Small pins no base but a big tube,with a cap. I am guessing they are sweep tubes or something similar.
There is a bunch of pentodes for sale on ebay that include some of the ones you recommend. I think 17 in all. I place a decent bid but it replied WILL NOT SHIP TO CANADA. I have a brother and sister in the USA so I could have them shipped there but it wont let me bid. I decided he can stuff em. I will buy new if necesary. Never understood this with some Ebay.com users. It is no more trouble sending stuff here then next door. One told me once he was worried about getting paid. I never understood that either. Nothing leaves here till the gold comes. Once you have then what does it matter where it goes. Anyway. Enuf already.
Don VE3LYX

5440. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-29 18:32:45 UTC
From: Jim Robson
Topic: 5342 Message: 5440

Don, what tubes are you looking for? I have got rid of most of my tv stuff but still have a lot of radio tubes. Let me know. Jim. VE3BHK.

On 29/01/12 9:29 AM, Don Dulmage wrote:
>
> It is amazing what a pair of glasses will tell you. I just went and
> pulled one of the tubes in that linear. 6LQ6. Not tubes I am familiar
> with . Small pins no base but a big tube,with a cap. I am guessing
> they are sweep tubes or something similar.
> There is a bunch of pentodes for sale on ebay that include some of the
> ones you recommend. I think 17 in all. I place a decent bid but it
> replied WILL NOT SHIP TO CANADA. I have a brother and sister in the
> USA so I could have them shipped there but it wont let me bid. I
> decided he can stuff em. I will buy new if necesary. Never understood
> this with some Ebay.com users. It is no more trouble sending stuff
> here then next door. One told me once he was worried about getting
> paid. I never understood that either. Nothing leaves here till the
> gold comes. Once you have then what does it matter where it goes.
> Anyway. Enuf already.
> Don VE3LYX
>

5441. RE: [AWA Group] Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-29 17:57:53 UTC
From: Bauman, John
Topic: 5381 Message: 5441

Paul,
There's a 865 on ebay now starting at $0.99 but it has a $11.00 shipping fee.
http://www.ebay.com/itm/1-VACUUM-TUBE-VT-55-865-RCA-/320837040567?pt=Vintage_Electronics_R2&hash=item4ab360b9b7

"Unfortunately I see no current or recently completed listings for UX-865's but they will now be on my daily hunt."

5442. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-29 22:18:59 UTC
From: Don Dulmage
Topic: 5342 Message: 5442

In your schematic, both tubes are beam power tetrodes, and the 6V6 plate/6L6 grid is untuned, as well. Totally different animal.

OK I understand. Ok for a beamer no good for a triode. I did try it with triodes on this rig so that is why it didnt work then.
Well here is what happened. I sat there after I saw yuor last message. I said "Son, you have a 6l6, You dont have a sweep tube ." Mom always said "A bird in the hand beats two in the bush everytime" So I wired the 6L6 in.this afternoon. All I have left is install the variable for tuning the last circuit before the 6L6 and making an RFchoke for the plate circuit of the 6L6. I did the parasitic choke already. And then I won a sweep tube (6cd6g) on ebay.
I am rethinking the whole AM deal as far as modulation goes. I am thinking the sweep tube for a Class C Amp plate modulatd by a pair of 6L6s and driven by a 6ag7 vfo . (or just rock bound power osc. I have several vintage crystals in the am window between 3700 and 3780 two of which are old Blileys that will take my variable freq crystal device.)
I also dragged up the old gift linear (pair of 6LQ6s up and plugged it in . No smoke . This is good. Now how to use it? I may by a 250 watt bulb and test it with my old school dummy load. I dont know what the max power is but I doubt it is much over that. It has to be switched (uses a key jack) in and out.
Don VE3LYX

5443. B&W coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-30 02:21:30 UTC
From: Steve Flood
Topic: 5443 Message: 5443

I am looking for the center-link 50 watt Barker & Williamson coils. Does anyone know the product code for these? JCL, MCL???

Thanks,

Steve KK7UV

5444. Re: Tetrode/Triode Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-30 13:58:16 UTC
From: Don Dulmage
Topic: 5381 Message: 5444

I defend your right to like what you like. 5 watts 50 watts 1929 160M or whatever. No need to explain. Just as I make no aplogies for my specific interests. All the best with your project.I will be watching with interest. For me personally the greatest advance in tube technolgy was the indirectly heated filament. Others I know think it was the beginning of the end. Es macht nichts as my ancestors would say. To each his own. However that said we all learn from each other. The cautious and fearless all have their place to stand. The ancient and the modern can all learn from each other. This place has been a real boon to my Ham career. Totally revived my interest. Like Len I am though a 1930s guy. I don't think it is better or worse. It is just what interests me.
Don VE3LYX

5445. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-30 14:01:33 UTC
From: Don Dulmage
Topic: 5342 Message: 5445

Hi Jim. I got one (6cd6)already but thanks. Was it you that was asking me about the Stavelys? If so we discovered Mrs S is stil alive and kicking.
Don VE3LYX

5446. Re: [AWA Group] Re: Adding a PA stage?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-30 18:14:00 UTC
From: N1BUG
Topic: 5381 Message: 5446

Thanks John, I will bid if it stays low but won't be upset if someone wants it more than I do. I wouldn't want to use a ST shape tube too long, but at that price (and shipping is only $8.54 to my location) it would be nice to experiment with.

73,
Paul N1BUG

On 01/29/2012 12:57 PM, Bauman, John wrote:

Paul,
There's a 865 on ebay now starting at $0.99 but it has a $11.00 shipping fee.
http://www.ebay.com/itm/1-VACUUM-TUBE-VT-55-865-RCA-/320837040567?pt=Vintage_Electronics_R2&hash=item4ab360b9b7

"Unfortunately I see no current or recently completed listings for UX-865's but they will now be on my daily hunt."

5447. Re: [AWA Group] Re: 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-25 17:44:50 UTC
From: ne1s@securespeed.us
Topic: 5244 Message: 5447

> The Am signals are not making it here anyway. Lots on 3705, 3850 and 3885
> but I couldnt hear nothing on 3837. I will keep listening though.

Hi Don,

About the only time you will hear AM on 3837 KHz is between around 3:30PM until around 5:30PM EST on Sundays, when the AWA guys are on for the net. The activity is intense for a couple hours, and then everyone goes away until the next net a week later (there are some AWA SSB nets on that frequency during the week, though).

Also 3835 KHz Sunday mornings at 8:30AM EST for the "AM carrier net." AM sporadically shows up on that frequency from time to time, but not often.

73,
-Larry/NE1S

5448. Re: [AWA Group] pi network - year?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-26 19:08:10 UTC
From: Bill Stewart
Topic: 5378 Message: 5448

Paul, nothing in the 9th edition (1932). Didn't Art Collins come up with the pi-net?

73 Bill K4JYS

----- Original Message -----

From: "N1BUG" <paul@...>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Thursday, January 26, 2012 1:32:40 PM
Subject: [AWA Group] pi network - year?

Here's a question I've been trying to track down an answer to. When did the LC pi network for impedance matching first appear? I see it's featured prominently in the 1936 ARRL Handbook but I find no mention of it in the 1931 edition. I would be interested in any references to the pi network prior to 1936, should anyone know of such.

73,
Paul N1BUG

5449. Re: [AWA Group] LC wrap-up -- and thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-23 15:51:57 UTC
From: dickens501@frontiernet.net
Topic: 5337 Message: 5449

LC was great fun. I worked both Paul and Niel with good signals here in East Central Minnesota. I was running 5 watts on 40 with a 6a6 rig and 50 watts on 80 with a 807 rig. Being crystal bound was a problem but people were good about tuning wide looking for rock bounders. Great to hear so many 1929 rigs with character signals.
Tom w0lgu
----- Original Message -----
From: "N1BUG" <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, January 23, 2012 8:01:36 AM
Subject: Re: [AWA Group] LC wrap-up -- and thanks

> Maybe you guys threw up the west coast .last night?

Nature had the everything shield up! We had almost summer-like QRN
from a storm front moving off the coast. It was very difficult
copying even the east coast guys. I think most of us elected to go
to bed early and preserve whatever may remain of our sanity (in my
case, not much!) I'm sorry we didn't work, but it would have been a
real challenge under those conditions.

73,
Paul N1BUG

5450. Re: [AWA Group] 1929?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-29 20:19:47 UTC
From: Leonard Meek
Topic: 5424 Message: 5450

Thanks, Paul in Maine. I can see the the choice of 1929 is both practical and personal. My uncles and older cousins gave me all their old radio stuff when I was a kid. Most of it was from the 20's, including a Remler variometer, which I still have after nearly 70 years. There's something about stuff from the 20's & 30's. It just seems to have more character than later stuff. When I was in high school, I had my heart set on a 1937 Cord 810 roadster. I was ready to hock my soul to get it. I should probably be glad I didn't get it. At lest i still have my soul. In the following years I accumulated a carload of old electronics. Most of it was lost when my dad sold our place while I was away in the Navy. In the late 70's I started collecting old radio stuff again, and it became an obssession for a while, until I realized I couldn't store it or use all of it. For the last several years I've been building stuff or giving stuff away. It's too bad most of the hams here are only interested in factory made solid state stuff. They don't know what they're missing.

Leonard in Hawaii
----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: Sunday, January 29, 2012 2:31 AM
Subject: Re: [AWA Group] 1929?

Hi Leonard,

Eddy explained the situation with changing rules and emphasis on cleaning up signals.

1929 (or earlier) gear is of particular interest for some due to the rules for one of our popular ham radio operating events, the Bruce Kelley Memorial CW QSO Party. The rules state the design must predate 1929. You'll have to ask someone more knowledgeable why that date was chosen.

For me, 1929 was a personal choice. Just as your favorite era is the 1930s, mine is the 1920s. There has always been something special to me about 1920s stuff, especially transmitters. I just like the way they look! It always seems to me the beauty started to erode in the early 30s. Bear in mind, of course, beauty is in the eye of the beholder! The ST tube shape was introduced. Gear started to be built on metal chassis instead of breadboards. Knurled thumb nuts quickly vanished from tube sockets, chokes, transformers, etc. The days of each manufacturer having their own unique designation for a particular tube type came to and end. There is absolutely nothing wrong with 1930s or later stuff! It's just that for me there is something special about the 1920s parts and circuits. I admit choosing 1929 was somewhat arbitrary. Everything didn't instantly change on January 1, 1930! But I felt I needed to set a guideline for myself, and the 1929 cutoff date seemed a logical choice.

So to answer your question I think there are a variety of reasons 1929 is so often mentioned.

Best regards,
Paul in Maine

(about go go shovel more snow!)

5451. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-30 23:42:51 UTC
From: Louis Vermond
Topic: 130 Message: 5451

Original HB TNT!

QRP gone QRO!

7s Handywork at it's Best

Go for it! A little dusting and it is looking like new.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=160726236665&ssPageName=ADME:B:SS:US:1123

5452. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 01:35:02 UTC
From: Daniel Petersen
Topic: 130 Message: 5452

I think I need a tetanus shot just looking at it!
8^)
73, Dan - W7OIL

On Mon, Jan 30, 2012 at 3:42 PM, Louis Vermond <ldvermond@...>wrote:

> **
>
>
> **
> Original HB TNT!
>
> QRP gone QRO!
>
> 7s Handywork at it's Best
>
> Go for it! A little dusting and it is looking like new.
>
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=160726236665&ssPageName=ADME:B:SS:US:
1123
>
>

5453. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 02:36:44 UTC
From: Louis Vermond
Topic: 130 Message: 5453

Cleaver Dan... :0)

----- Original Message -----
From: Daniel Petersen
To: AWAGroup@yahoogroups.com
Sent: 2012-01-30 8:35 PM
Subject: Re: [AWA Group] eBay Alert

I think I need a tetanus shot just looking at it!
8^)
73, Dan - W7OIL

On Mon, Jan 30, 2012 at 3:42 PM, Louis Vermond <ldvermond@...> wrote:

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Go for it! A little dusting and it is looking like new.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=160726236665&ssPageName=ADME:B:SS:US:1123

5454. New Memeber -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 03:08:10 UTC
From: Mike Feher
Topic: 5454 Message: 5454

Please welcome Vicky to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5455. Re: 6AG7 circuits +

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 02:55:49 UTC
From: Don Dulmage
Topic: 5455 Message: 5455

So I finished all the circuits on the 5 tuber today. I added a gain control in the twin triode speech amp and now I am just waiting for an assortment of variable capacitors to finish the tuned circuits.
However. in the meantime i have been trying to learn as much as I can about various ways of making AM. I was reading up on Supressor grid modulation. (Probably no good I thought but then discovered it was used on some Navy vessels in their transmtters. MMMMMMMMMMM??????? Cant be all bad.
So I dug a bit further into the subject. Discovered of course if you are going to modulate a suprsor grid you need a tube with a supressor grid. ((Not a beam power tube but an honest to goodness Pentode. Rf pentode is what it said to be exact). I have a real Rf pentode in my little regen/transciever deal. Like Paul I needed more stomp but all I had here was a 58 that came out of the same set as my 56 main tube so i stuck it in. It does work some too. Not huge but very noticable difference. (I would say goes from a S 4 without to an s7 with. if you want to talk in those terms.). I also was wiring that so the 58 could also double as an audio amp for the regen when on receive. So having some time on my hands I went to work finishng up that project. THEN I decided to try supressor grid modulation. I found a small audio transformer I had from another project. I mounted it and hooked the secondary between the supressor grid and ground. I found a battery holder with three AAs in it . it was a switchable one with on and off. I tested. The batteries were Ok. (Not great but in the ball park for used .)A hunt through my parts bins yielded an old carbon mic and holder from an old dial type telephine. I tested it it on the ohm meter while I whistled in it . It still worked. So I grabbed some hookup wire and tacked it all together. Well it works. I couldnt believe it. I sat there till about ten mnutes ago wondering about it and then fired the lil rig up and tried it again. I need to get the XYL to take a portable recvr for a walk about as it is too close in houseto get away without overloading it but I can here me talking . Modulation isnt huge but not bad. Fresh batteries would be the first thing to try and then a different audio transformer maybe. Nice deal is you just kill the battery power in the primary carbon mic circuit and it operates as before with supressor grid at grnd potential or almost of course because the transformer wining have to have some effect. Regen still works. I moved the phones to the grnd circuit coming in from the PS since I know from experience they will work in B + side or B- All they are really doing is sensing the change in load as the signal varies the potential on the grid which control plate current. Where they are isnt real important since ground is common to both tubes. The 58 runs on a much higher voltage then the 56 (because in regen mode voltage is very low .. tis how it works) By using the B- side I dont have to deal with the two different voltages for the PA. and regen /osc circuit. I still have a few things to sort out in this radio. I need another switch for the ant from the PA output to regen input. Too many switches really I have to sort this out I think. Maybe a relay. Anyway. I now have a two tube regen /tx that is also AM/CW. More than I ever dreamed possible. (It is set up for 40M BTW .) When I am satisified all is well i wil give it a wring out. It is though a whimp as far as power goes but it does work and that is what I wanted to find out.
Don VE3LYX

5456. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 13:08:57 UTC
From: ne1s@securespeed.us
Topic: 5342 Message: 5456

>> In your schematic, both tubes are beam power tetrodes, and the 6V6
>> plate/6L6 grid is untuned, as well. Totally different animal.
>
> OK I understand. Ok for a beamer no good for a triode. I did try it with
> triodes on this rig so that is why it didnt work then.

Can't say for sure. Your schematic didn't have a tuned circuit between the two stages, so it might have been stable.

The big problem is oscillation when you have tuned circuits on the same frequency in the grid and plate circuits of the same triode. It is a TPTG (tuned-plate-tuned-grid) oscillator, and the feedback path that allows oscillation is the grid-to-plate capacitance (Cgp). The value of the gid-plate capacitance is much larger for a triode than any tube with a screen grid, as the Cgp is replaced with a control grid to screen grid capacitance and plate to screen grid capacitance. Since the screen is bypassed to ground for RF, both of these effectively become capacitances to ground from the control grid and plate. Thus the effective Cgp becomes much smaller, and the frequency must be much higher for the feedback to be enough to support oscillation.

Said another way, the screen grid becomes a shield between the grid and plate of the tube, since it is grounded for RF.

> Well here is what happened. I sat there after I saw yuor last message. I
> said "Son, you have a 6l6, You dont have a sweep tube ." Mom always said
> "A bird in the hand beats two in the bush everytime" So I wired the 6L6
> in.this afternoon. All I have left is install the variable for tuning the
> last circuit before the 6L6 and making an RFchoke for the plate circuit of
> the 6L6. I did the parasitic choke already. And then I won a sweep tube
> (6cd6g) on ebay.

The 6L6 should work, but you'll get about double the output power from one of the sweep tubes I suggested - the 6CD6 was one of them. Assuming adequate drive capability and a high enough plate voltage to take advantage of it, of course.

> I am rethinking the whole AM deal as far as modulation goes. I am thinking
> the sweep tube for a Class C Amp plate modulatd by a pair of 6L6s and
> driven by a 6ag7 vfo . (or just rock bound power osc. I have several
> vintage crystals in the am window between 3700 and 3780 two of which are
> old Blileys that will take my variable freq crystal device.)

That will be much easier to get going, and you could probably get about a 50W AM carrier output with such a design. The modulation transformer is the only hard part to find, but they are around.

> I also dragged up the old gift linear (pair of 6LQ6s up and plugged it in
> . No smoke . This is good. Now how to use it? I may by a 250 watt bulb and
> test it with my old school dummy load. I dont know what the max power is
> but I doubt it is much over that. It has to be switched (uses a key jack)
> in and out.

I'm assuming this is a good-buddy band linear. You can change the tuned circuits to your HF band of choice. I would expect the maximum PEP output to be somewhere in the 150 - 200W PEP range - but again, the output power will depend on who much drive you have available. Is it a grounded-grid configuration, or is it grid-driven?

73,
-Larry/NE1S

5457. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 14:47:52 UTC
From: ne1s@securespeed.us
Topic: 130 Message: 5457

> I think I need a tetanus shot just looking at it!
> 8^)
> 73, Dan - W7OIL
>

The seller wouldn't dare to have removed all that vintage dust - the "petina" would be lost, and it would then be worthless ;-).

73,
-Larry/NE1S

5458. AWA SSB Tuesday night net

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 15:21:53 UTC
From: Terry Hall
Topic: 5458 Message: 5458

Is this group still active on 3837? I would like to make contact if I could.

All the best,
Terry

5459. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 16:06:44 UTC
From: Louis Vermond
Topic: 130 Message: 5459

The seller wouldn't dare to have removed all that vintage dust - the "petina" would be lost, and it would then be worthless ;-).

Chuckle if you will, but this was the reality. The builder must have come up with second '01A. Did u see the lamp holder in series with the output lead?

Lou

5460. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 18:07:41 UTC
From: Daniel Petersen
Topic: 130 Message: 5460

One man's patina is another man's grime! 8^D
73,
Dan - W7OIL

On Tue, Jan 31, 2012 at 6:47 AM, <ne1s@...> wrote:

> **
>
>
> > I think I need a tetanus shot just looking at it!
> > 8^)
> > 73, Dan - W7OIL
> >
>
> The seller wouldn't dare to have removed all that vintage dust - the
> "petina" would be lost, and it would then be worthless ;-).
>
> 73,
> -Larry/NE1S
>
>
>

5461. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 19:00:10 UTC
From: Roger Kuchera
Topic: 130 Message: 5461

I wonder if that thing comes with HazMat certification? Is that what started the Black Plague in Europe?

Roger/K1TG

--- On Tue, 1/31/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@sympatico.ca>
Subject: Re: [AWA Group] eBay Alert
To: AWAGroup@yahoogroups.com
Date: Tuesday, January 31, 2012, 11:06 AM

The seller wouldn't dare to have removed all that vintage dust - the "petina" would be lost, and it would then be worthless ;-).

Chuckle if you will, but this was the reality. The builder must have come up with second '01A. Did u see the lamp holder in series with the output lead?

Lou

5462. Heathkit part number info needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 19:50:38 UTC
From: Roger Kuchera
Topic: 5462 Message: 5462

Gentlemen,
I have a transformer that I rescued from an old Heath Apache, some years ago. I believe it is a audio component. It has two (2) black leads and a center-tapped winding with 2 green and 1 black lead. It has the following number stamped in the outer, metal shell:

51-23
1386218

Is their anyone who might be kind enough give me any information on this. Impedances? Anything would be helpful. I looked around the net and any info I could find was "For Sale."

Thank you.

CUL, Roger/K1TG

5463. RE: [AWA Group] Heathkit part number info needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 21:22:33 UTC
From: Mike Feher
Topic: 5462 Message: 5463

Roger -

Indeed - the 51-23 is the driver transformer from the TX-1. If you need more info let me know. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Tuesday, January 31, 2012 2:51 PM
To: AWAgroup@yahoogroups.com
Subject: [AWA Group] Heathkit part number info needed

Gentlemen,
I have a transformer that I rescued from an old Heath Apache, some years ago. I believe it is a audio component. It has two (2) black leads and a center-tapped winding with 2 green and 1 black lead. It has the following number stamped in the outer, metal shell:

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Thank you.

CUL, Roger/K1TG

5464. Re: [AWA Group] AWA SSB Tuesday night net

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 21:48:11 UTC
From: Louis Vermond
Topic: 5458 Message: 5464

Is this group still active on 3837? I would like to make contact if I could. All the best, Terry

Did you get an answer, Terry? Lou
3837 kHz SSB, 8 p.m. (NCS: WB2SYQ)

5465. RE: [AWA Group] Heathkit part number info needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 22:07:05 UTC
From: Roger Kuchera
Topic: 5462 Message: 5465

Hi Mike,
Wow! That was fast. I wonder if you might able to provide any impedance or ratio data. I measured resistance and inductance values but impedances would be more useful.

I discovered B plus on my headphones when I plugged them into the headset jack on my FBXA! Surprise! This thing is tiny and I may be able to cob up a gadget to get the headphones "cold."

Thanks.

CUL, Roger/K1TG

--- On Tue, 1/31/12, Mike Feher <n4fs@eozinc.com> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [AWA Group] Heathkit part number info needed
To: AWAGroup@yahoogroups.com
Date: Tuesday, January 31, 2012, 4:22 PM

Roger –

Indeed – the 51-23 is the driver transformer from the TX-1. If you need more info let me know. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Tuesday, January 31, 2012 2:51 PM
To: AWAgroup@yahoogroups.com
Subject: [AWA Group] Heathkit part number info needed

Gentlemen,
I have a transformer th! at I rescued from an old Heath Apache, some years ago. I believe it is a audio component. It has two (2) black leads and a center-tapped winding with 2 green and 1 black lead. It has the following number stamped in the outer, metal shell:

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Is their anyone who might be kind enough give me any information on this. Impedances? Anything would be helpful. I looked around the net and any info I could find was "For Sale."

Thank you.

CUL, Roger/K1TG

5466. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 23:35:15 UTC
From: ne1s@securespeed.us
Topic: 130 Message: 5466

> Chuckle if you will, but this was the reality. The builder must have come
> up with second '01A. Did u see the lamp holder in series with the output
> lead?
>

Nope, Lou, I didn't study it to that degree. What was its significance?

-'1S

5467. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-01-31 23:52:49 UTC
From: Louis Vermond
Topic: 130 Message: 5467

What was its significance?

Nothing significant, Larry just that it adds to the story behind the builder. I enjoy such imaginings...

BTW: I was tuning around 75 a bit ago. Think I'm going to give up on OT building and spend my days on 3910.

Lou

5468. "steam radio"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 01:15:02 UTC
From: Louis Vermond
Topic: 5468 Message: 5468
Attachments: 2 described; binary payloads are missing from this source WARC

Was browsing thru a Sept. '31 QST the other day and ran across this. That's Clinton B. DeSoto on the right. Lou

5469. Re: [AWA Group] "steam radio"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 01:20:08 UTC
From: Roger Kuchera
Topic: 5468 Message: 5469
Attachments: 2 described; binary payloads are missing from this source WARC

Those were his "pre-moustache" days. He died in NYC at a very young age (38 ?). He was the author of 200 Meters and Down.

Roger.

--- On Tue, 1/31/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] "steam radio"
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Tuesday, January 31, 2012, 8:15 PM

Was browsing thru a Sept. '31 QST the other day and ran across this. That's Clinton B. DeSoto on the right. Lou

5470. Re: [AWA Group] "steam radio"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 01:26:27 UTC
From: N1BUG
Topic: 5468 Message: 5470
Attachments: 1 described; binary payloads are missing from this source WARC

Hey! There's a variable condenser with wide enough spacing to handle my UX-860 !!

5471. RE: [AWA Group] Heathkit part number info needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 01:34:17 UTC
From: Mike Feher
Topic: 5462 Message: 5471

Roger –

I cannot help you there, but, if you like I could email you the TX-1 schematic/manual to see how it was used in that circuit. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Tuesday, January 31, 2012 5:07 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Heathkit part number info needed

Hi Mike,
Wow! That was fast. I wonder if you might able to provide any impedance or ratio data. I measured resistance and inductance values but impedances would be more useful.

I discovered B plus on my headphones when I plugged them into the headset jack on my FBXA! Surprise! This thing is tiny and I may be able to cob up a gadget to get the headphones "cold."

Thanks.

CUL, Roger/K1TG

--- On Tue, 1/31/12, Mike Feher <n4fs@... <mailto:n4fs%40eozinc.com> > wrote:

From: Mike Feher <n4fs@... <mailto:n4fs%40eozinc.com> >
Subject: RE: [AWA Group] Heathkit part number info needed
To: AWAGroup@yahoogroups.com <mailto:AWAGroup%40yahoogroups.com>
Date: Tuesday, January 31, 2012, 4:22 PM

Roger –

Indeed – the 51-23 is the driver transformer from the TX-1. If you need more info let me know. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com <mailto:AWAGroup%40yahoogroups.com>
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Sent: Tuesday, January 31, 2012 2:51 PM
To: AWAgroup@yahoogroups.com <mailto:AWAgroup%40yahoogroups.com>
Subject: [AWA Group] Heathkit part number info needed

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Thank you.

CUL, Roger/K1TG

5472. RE: [AWA Group] Heathkit part number info needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 01:42:16 UTC
From: Roger Kuchera
Topic: 5462 Message: 5472

Hi Mike,
Don't bother with sending that much detail. I'd guess it a "plate-to-PP grids," with relatively high impedances on both primary and secondary. In any case, I'll take a handful of clip leads and play with it. I don't need hi-fi as I only operate CW. I don't think FBXA voltage amp. cares much. Thanks for the info and your effort. That's why I refer to the AWA gang as The League of Extrordinary Gentlemen.

CUL, Roger/K1TG

--- On Tue, 1/31/12, Mike Feher <n4fs@...> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [AWA Group] Heathkit part number info needed
To: AWAGroup@yahoogroups.com
Date: Tuesday, January 31, 2012, 8:34 PM

Roger –

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Mike B. Feher, N4FS
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Subject: RE: [AWA Group] Heathkit part number info needed
To: AWAGroup@yahoogroups.com
Date: Tuesday, January 31, 2012, 4:22 PM

Roger –

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To: AWAgroup@yahoogroups.com
Subject: [AWA Group] Heathkit part number info needed

Gentlemen,
I have a transformer th! at I rescued from an old Heath Apache, some years ago. I believe it is a audio component. It has two (2) black leads and a center-tapped winding with 2 green and 1 black lead. It has the following number stamped in the outer, metal shell:

51-23
1386218

Is their anyone who might be kind enough give me any information on this. Impedances? Anything would be helpful. I looked around the net and any info I could find was "For Sale."

Thank you.

CUL, Roger/K1TG

5473. regen/tx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 02:07:39 UTC
From: Don
Topic: 5473 Message: 5473

Nothng is new. There I was high on life having modulated my 2 tube regen/tx deal. Having conceived the idea about a year ago and having convinced myself it was possible I forged ahead and even with a single 56 tube had it working. Then came the PA section and Audio Pa as well and late yesterday a somewhat successful attempt at Supressor grid modulation. Tonight while searching for more info on Suppressor grid modulation, specifically the T1154 aircraft transmitter where it was used very successfully I stumbled onto info on the No 17 wireless set.
two tubes , a triode and a *tetrode(I used a *pentode). Both RX and Tx not done a whole lot different then mine (basically a regen with a power boost phones bypass for TX and grid modulated.) and AM (R/T) out from the tx.
1941 , Still available for sale from surplus sources. I dont know whether to laugh or cry but it has been done before. I will just take comfort in the knowlege I wasnt crazy. So, Am I going to take it to completion all sorted out and "on the air worthy?" Of course! I was on 40 CW lower end of the band tonite for a bit. Signal is steady note. much better since I added the PA. No whoop. Going down now to cut sopressor potential by modulator output and see if audio quailty improves. I also switch from phones to a speaker of sorts that i made up from some butcher paer and an old telphone reciver element. Looks pretty wonky. I like it and it works.
Don VE3LYX

5474. Re: [AWA Group] "steam radio"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 08:32:27 UTC
From: Leonard Meek
Topic: 5468 Message: 5474

I thought "Steam Radio" was refering to the Alexanderson generator.

Leonard

5475. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 11:32:28 UTC
From: ne1s@securespeed.us
Topic: 130 Message: 5475

```
>
> BTW: I was tuning around 75 a bit ago. Think I'm going to give up on OT
> building and spend my days on 3910.
>
```

Hmmm...

Haven't listened on 3910 myself, but I seem to recall hearing there are
some real "pieces of work" that hang out up there.

Methinks you are pulling our leg.

-Larry/NE1S

5476. RE: [AWA Group] Heathkit part number info needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 11:52:40 UTC
From: ne1s@securespeed.us
Topic: 5462 Message: 5476

```
>
> I cannot help you there, but, if you like I could email you the TX-1
> schematic/manual to see how it was used in that circuit. 73 - Mike
>
```

Roger,

That transformer will work fine for your application (isolating DC in the FB-7 from your 'fones.)

With the center-tapped secondary there are 4 different impedance ratios available to play with, and they will all be close enough to work to some degree; it's not that critical. I would first try hooking the primary of the transformer to the FB-7 phone jack, and your high-Z phones across the full secondary (let the center-tap float).

If that's too much volume, try hooking the 'fones across just one-half of the secondary. If it's not enough volume, try swapping primary and secondary (secondary to FB-7, primary to 'fones).

I doubt you'll notice much difference any way you hook it up; all will work.

The impedance ratio of class-B grid driver transformers of that ilk tend to run in the 2:1 - 3:1 range, primary to one-half secondary.

73,
-Larry/NE1S

5477. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 12:53:15 UTC
From: Don Dulmage
Topic: 5342 Message: 5477

Ok I understand I think. Thanks for the explianation
It is grounded grid. So my understanding is I just have to make a HF (ie 80M 4M coil set up. ?
I didnt know wat the tuning range was but it is definatley not 3.5 or 7 mcs. Would 5 watts or so drive it at least to a usable range once I get it on freq?
Don VE3LYX

5478. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 13:22:13 UTC
From: Louis Vermond
Topic: 130 Message: 5478

Haven't listened on 3910 myself, but I seem to recall hearing there are some real "pieces of work" that hang out up there.

Seems I've found a home....

5479. Re: [AWA Group] "steam radio"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 13:29:19 UTC
From: Louis Vermond
Topic: 5468 Message: 5479

An eBayer wrote to me mentioning that he loved, " 'steam radio' in all its forms." I thought it cleaver... Lou

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2012-02-01 3:32 AM
Subject: Re: [AWA Group] "steam radio"

I thought "Steam Radio" was refering to the Alexanderson generator.

Leonard

5480. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 16:23:00 UTC
From: ne1s@securespeed.us
Topic: 5342 Message: 5480

> Ok I understand I think. Thanks for the explianation
> It is grounded grid. So my understanding is I just have to make a HF (ie
> 80M 4M coil set up. ?

Yes. At least in the plate circuit.

Is there a tuned circuit in the cathode (input) circuit, or is it untuned?

> I didnt know wat the tuning range was but it is definatley not 3.5 or 7
> mcs. Would 5 watts or so drive it at least to a usable range once I get it
> on freq?

If it was a CB amp, that's probably exactly what it was designed for, With 5W in, my SWAG is you should expect 30-50W out AM carrier (120 - 200W PEP).

73,
-Larry/NE1S

5481. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 16:25:15 UTC
From: ne1s@securespeed.us
Topic: 130 Message: 5481

>> Haven't listened on 3910 myself, but I seem to recall hearing there are
>> some real "pieces of work" that hang out up there.
>
> Seems I've found a home....
>

From what I remember hearing about them, Lou, you are way too classy to
hang out with that crowd.

-'1S

5482. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 16:31:50 UTC
From: Louis Vermond
Topic: 130 Message: 5482

From what I remember hearing about them, Lou, you are way too classy to hang out with that crowd.

You want your 25 cents now or later... :0)

5483. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 18:39:46 UTC
From: N1BUG
Topic: 130 Message: 5483

From what I remember hearing about them, Lou, you are way too classy to hang out with that crowd.
I second that! Lou, why don't you come on down to 1.8 Mc. instead?

Bugsy

5484. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 18:53:13 UTC
From: Eddy Swynar
Topic: 130 Message: 5484

On 2012-02-01, at 1:39 PM, N1BUG wrote:

>
> I second that! Lou, why don't you come on down to 1.8 Mc. instead?
>

Hi Lou,

...And I THIRD that motion...!

C'mon down & join the rest of us "cellar dwellers" in the nether-world of 1.8-MHz---it really IS quite addictive, too...!

~73~ de Eddy VE3CUI - VE3XZ

5485. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 19:28:49 UTC
From: Louis Vermond
Topic: 130 Message: 5485

Lou, why don't you come on down to 1.8 Mc. instead?

...And I THIRD that motion...!

Tks... I'd like to, but my background noise level is a constant S-7+. While I can hear them in there, can not hear them.

Lou
BKP
306 Days

5486. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 19:32:55 UTC
From: Eddy Swynar
Topic: 130 Message: 5486

On 2012-02-01, at 2:28 PM, Louis Vermond wrote:

>
> Lou, why don't you come on down to 1.8 Mc. instead?
> ...And I THIRD that motion...!
>
> Tks... I'd like to, but my background noise level is a constant S-7+. While I can hear them in there, can not hear them.
>
> Lou
> BKP
> 306 Days

Hi Lou,

Shielded loops are VERY easy to make, and are VERY effective in nulling-out noise.

When we lived in the 'burbs in Whitby, I once used my shielded loop for the entire duration of a 160-meter CW contest...it was located on my basement floor, below ground level!

~73~ de Eddy VE3CUI - VE3XZ

5487. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 19:44:24 UTC
From: N1BUG
Topic: 130 Message: 5487

I'd like to, but my background noise level is a constant S-7+.

B-b-but Lou, I'm building a PA...
Just teasin' ya. Maybe Eddy's suggestion of a loop could help.

BKP

306 Days

Gosh Lou, you start counting early! Eager! ;-)

Bugsy

5488. Shielded loops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 21:03:06 UTC
From: Louis Vermond
Topic: 5488 Message: 5488

Shielded loops are VERY easy to make, and are VERY effective in nulling-out noise.

Tks Eddy,

Easy is good...

There are a lot of "shielded loop ants" out there, which design are you using? Lou

5489. building a PA...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 21:17:43 UTC
From: Louis Vermond
Topic: 5489 Message: 5489
Attachments: 1 described; binary payloads are missing from this source WARC

B-b-but Lou, I'm building a PA...

Bugsy's Pair o' P-P 852s

5490. Sigh...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-01 22:36:40 UTC
From: Louis Vermond
Topic: 5490 Message: 5490
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

5491. Re: [AWA Group] Shielded loops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 00:40:46 UTC
From: Eddy Swynar
Topic: 5488 Message: 5491

On 2012-02-01, at 4:03 PM, Louis Vermond wrote:

> Easy is good...
>
> There are a lot of "shielded loop ants" out there, which design are you using? Lou

Hi Lou,

The one I made was based on a Doug DeMaw design which was featured in an 80's issue of QST...

It's since appeared in a number of ARRL ANTENNA HANDBOOKs, & basically is a "square" of RG-58 coax cable with the braid cut & removed for 1" at the top. The thing is resonated on the band with n air variable cap at the feedpoint.

I assembled mine on a HB wooden stand, with "quad" construction using wood dowels as the "spiders", or spreaders.

It was remarkably selective as far as nulling-outy noise, too: my wife would be watching TV in the next room, & just by orienting the antenna a few degrees either way I could effectively & completely null-out the noise it generated! Amazing antenna.

I ended-up compensating for its lack of overall sensitivity by constructing a HB pre-selector, but got along without one for the longest time just by cranking-up my AF gain...

~73~ de Eddy VE3CUI - VE3XZ
>
>
>

5492. Re: [AWA Group] Shielded loops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 00:56:02 UTC
From: Louis Vermond
Topic: 5488 Message: 5492

It was remarkably selective as far as nulling-outy noise...

Thank you, Eddy.

The problem here is that the noise seems to be coming from all directions. That is, there is no one or even two sources.

As I have mentioned to some here already, using a AM transistor, I drove around town looking for hot spots. There were a few, but the background noise never dropped until I was abt 500 feet beyond the town limits then the noise hit the dirt.

I now have a Kenwood R-600 that is DC operable. Next time the hydro goes out all over town will I will listen in with it to verify that my understanding is correct.

In the mean time, I will be patient while Bugsy builds his amp...

73, Lou

5493. W2AMI -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 02:30:59 UTC
From: Mike Feher
Topic: 5493 Message: 5493

Please welcome Bob, W2AMI to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5494. Re: [AWA Group] W2AMI -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 02:36:05 UTC
From: Louis Vermond
Topic: 5493 Message: 5494

It's about time, Bob!

Lou

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2012-02-01 9:30 PM
Subject: [AWA Group] W2AMI -

Please welcome Bob, W2AMI to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5495. On Shielded Loops...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 12:37:13 UTC
From: Eddy Swynar
Topic: 5495 Message: 5495

Hi Lou,

You really do owe yourself the privilege of making a shielded loop, then snooping about the band with it...

You just might be surprised that you're limited to but one, major source of noise---and that the loop will be able to effectively null it out, thus making all the difference between "never" trying 160-meters, & becoming a "regular" on the band.

As I said earlier, it's so very easy to construct one---you could probably do it in a single afternoon.

C'mon all you loop veterans, chime-in here & help me get Lou pushed "over-the-top" into making one for himself...!!! He's a tad bashful about it all...

~73~ de Eddy VE3CUI - VE3XZ

5496. Re: Shielded loops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 12:39:43 UTC
From: Don Dulmage
Topic: 5488 Message: 5496

I run my twinplex style regen on a loop. it is wound ona 12" sonotube form 2 inches wide. 12 turns of hook-up wire with the feed braided using a third dead wire to form it.Pt sits on a 2 foot high 2 "dowel with a double 2x4 base and is just here in the window. It is all I use on that regn as it is all it needs. I used it when I worked you Lou and for some DX I did east (NC) it is very effective and much quieter than a conventional antenna. I live also in a very noisy enviorment rf wise.
Don VE3LYX

5497. Re: [AWA Group] Shielded loops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 13:25:03 UTC
From: ne1s@securespeed.us
Topic: 5488 Message: 5497

> It's since appeared in a number of ARRL ANTENNA HANDBOOKs, & basically is
> a "square" of RG-58 coax cable with the braid cut & removed for 1" at the
> top. The thing is resonated on the band with n air variable cap at the
> feedpoint.
>

Would it be practical to build one for 17 KHz? It might help me to pull out SAQ, which, so far, I have been unsuccessful at with outdoor wire antennas. I have a lot of manmade noise on LF and VLF.

> It was remarkably selective as far as nulling-outy noise, too: my wife
> would be watching TV in the next room, & just by orienting the antenna a
> few degrees either way I could effectively & completely null-out the noise
> it generated! Amazing antenna.
>

Is it effective at nulling out the local QRM from the XYL?

73,
-Larry/NE1S

5498. Re: [AWA Group] On Shielded Loops...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 14:42:47 UTC
From: Louis Vermond
Topic: 5495 Message: 5498

Alright all ready. How about the dope?

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-02-02 7:37 AM
Subject: [AWA Group] On Shielded Loops...

Hi Lou,

You really do owe yourself the privilege of making a shielded loop, then snooping about the band with it...

You just might be surprised that you're limited to but one, major source of noise---and that the loop will be able to effectively null it out, thus making all the difference between "never" trying 160-meters, & becoming a "regular" on the band.

As I said earlier, it's so very easy to construct one---you could probably do it in a single afternoon.

C'mon all you loop veterans, chime-in here & help me get Lou pushed "over-the-top" into making one for himself...!!! He's a tad bashful about it all...

~73~ de Eddy VE3CUI - VE3XZ

5499. Fw: [AWA Group] On Shielded Loops...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 16:32:42 UTC
From: Louis Vermond
Topic: 5499 Message: 5499

----- Just heading for the ferry now Lou....you may want to take a portable radio with its built-in ferrite-bar antenna and tune it to the top end of the BCB, say at 1700 kc and swing it around slowly (outside in the yard). If you are indeed able to null the noise that you are hearing, then a larger loop for 160m might help. If, as you say, the noise is coming from all directions and cannot be nulled by the ferrite bar, then a larger loop will not help. I have some info on my own site about loops. Steve / SL

Several years ago I did as you suggest. The base S-7 QRM is from all directions. Lou

5500. RE: W2AMI

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 18:07:47 UTC
From: cwopr@embarqmail.com
Topic: 5500 Message: 5500

Hi Bob and welcome the the group!!
73 de Bill K4JYS

5501. Re: [AWA Group] Shielded loops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 22:20:11 UTC
From: Eddy Swynar
Topic: 5488 Message: 5501

On 2012-02-02, at 8:25 AM, ne1s@... wrote:

>
> Would it be practical to build one for 17 KHz? It might help me to pull
> out SAQ, which, so far, I have been unsuccessful at with outdoor wire
> antennas. I have a lot of manmade noise on LF and VLF.
>

Hi Larry,

i would expect you could readily & quite easily "scale" it down to that frequency, just as I scaled UP an 80-meter version of the same antenna here by simply HALVING all of the dimensions & "C" value that I used for 160...

As for nulling-out any QRM from the proverbial "War Department:" there, well, as my good friend at work used to say, "...When you find out how, let me know!" : >)

~73~ de Eddy VE3CUI - VE3XZ
>

5502. On Shielded Loops...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 22:26:13 UTC
From: Eddy Swynar
Topic: 5495 Message: 5502

Hi Lou,

Refresh yourself on the subject, in general, by clicking onto:

http://www.frontiernet.net/~jadale/Loop.htm

...And remember: Google is your friend...!

~73~ de Eddy VE3CUI - VE3XZ

5503. ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 23:37:53 UTC
From: Louis Vermond
Topic: 2924 Message: 5503
Attachments: 1 described; binary payloads are missing from this source WARC

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=120853493869&ssPageName=ADME:B:SS:US:1123

ooh ooh

5504. Ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 23:40:37 UTC
From: Louis Vermond
Topic: 893 Message: 5504
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/National-DX-Variable-Capacitor-f-Old-Ham-Radio-Tube-Transmitter-Antenna-Tuner-/270900609461?_trksid=p5197.m1374&_trkparms=algo%3DPI.WATCH%26otn%3D8%26po%3DLCA%26ps%3D63%26clkid%3D6029585483346976547

Triple ooh

5505. Re: [AWA Group] On Shielded Loops...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-02 23:42:17 UTC
From: Louis Vermond
Topic: 5495 Message: 5505

...And remember: Google is your friend...! Thought u might have a favourite...

5506. Re: [AWA Group] Ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 00:14:01 UTC
From: N1BUG
Topic: 893 Message: 5506
Attachments: 1 described; binary payloads are missing from this source WARC

There've been a vew of these offered lately, minus the panel spacers. This one seems to have most of the original spacers intact (minus 4 of the short ones).

On 02/02/2012 06:40 PM, Louis Vermond wrote:

http://www.ebay.com/itm/National-DX-Variable-Capacitor-f-Old-Ham-Radio-Tube-Transmitter-Antenna-Tuner-/270900609461?_trksid=p5197.m1374&_trkparms=algo%3DPI.WATCH%26otn%3D8%26po%3DLCA%26ps%3D63%26clkid%3D6029585483346976547

?

Triple ooh?

?

?

5507. Re: [AWA Group] Ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 00:16:51 UTC
From: N1BUG
Topic: 893 Message: 5507

On 02/02/2012 07:14 PM, N1BUG wrote:
There've been a vew of these offered lately, minus the panel spacers. This one seems to have most of the original spacers intact (minus 4 of the short ones).

Ahem... I should have said panel and/or velvet vernier spacers, of course

5508. Re: On Shielded Loops...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 13:22:20 UTC
From: N3IBX
Topic: 5495 Message: 5508

Lou,
Is what Eddy is saying about you being bashful true? Is our “Lou” bashful about making a loop for 160M/80M?, Think of all the “73+CUL de VE3AWA K:” FBOM CW QSO’s you’ll have ! Perhaps we can even get you to operate “fonium”?
BTW, I have some dope on a DX-35 if you’re interested, but it’s a longshot since they won’t ship.We’ll disgust this later if you like.

Eddie – Do you think Lou is really bashful about building the aforementioned loop? I always thought Lou wasn’t bashful about anything. He’s a “CW Corntesting machine”, always ready to stomp over anyone he must in order to work that elusive DX. That’s our beloved Lou – hi!

As a matter-of-fact, I can visualize him in his shacque now. You know, white T-shirt with a pack of Lucky Strike non filters, rolled up in his right sleeve, brownish-green empty 807’s all over his operating table, yelling up to his charming XYL “Nancy” to bring him more,, cursing worse that your most rugged Canadian sailor about anyone who is running more power than he is, etc; you know what I mean!

This definitely is not a bashful guy! C’Mon Lou, you gotta back me up on this one. OK, maybe I did embellish a little bit (just a wee bit ay?) but I know you have the wherewith all to build a FB loop. If you need any material to do it,it can come from below the 49th Parallel – hi! You know who I mean.

Here’s to building bigger and better loops, and best regards,
Joe Cro N3IBX

5509. Re: [AWA Group] Re: On Shielded Loops...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 15:03:24 UTC
From: Eddy Swynar
Topic: 5495 Message: 5509

Hi Joe,

Lou's temerity at making a loop surprises me to no end, too, quite frankly...!

I guess we all like to get safely ensconced in our own little "comfort zone", and there we sit.

I had the very same thing happen to me several years ago: i'd whine & cry to my friend Ivan (VE3DO) about all the noise that was masking the European DX on 160-meters here...and he'd repeatedly fire back, with "...BUILD A RECEIVING LOOP!!!"

I hesitated, but then one fine warm day---using info garnered from the K8AY article I saw in an older issue of QST---I went out back, scouted a prime candidate tree branch for a support, & let fly with a weighted rope. The east-favouring K9AY loop was hoisted-up in short order...

That evening I lamented to myself at how "deaf" the new receiving antenna was: there was no static, the S-meter stayed practically pegged to its resting post, NO NOTHIN'! And then all of a sudden I tuned across several very readable signals---all from Europe!

They were down in strength to be sure, but the noise was nil---and the signal-to-noise ratio was incredible!

I was SO impressed that I installed a directional east-west switching scheme, followed in very short order by the erection of a SECOND loop, favouring north-south.

I would say that those loops were one of the main ingredients to my going from some 80+ DXCC countries worked on 1.8-MHz 6 years ago, to my present standing of 150...

So all I can say to you, Lou, is that if you keep coming up with excuses NOT to try a receiving loop, you really don't wanna get your feet wet on Topband too badly, anyway...not for now, at any rate! And that's OK---"...To each his own" in both life, AND Ham radio!

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-02-03, at 8:22 AM, N3IBX wrote:

>
> Lou,
> Is what Eddy is saying about you being bashful true? Is our “Lou” bashful about making a loop for 160M/80M?, Think of all the “73+CUL de VE3AWA K:” FBOM CW QSO’s you’ll have ! Perhaps we can even get you to operate “fonium”?
> BTW, I have some dope on a DX-35 if you’re interested, but it’s a longshot since they won’t ship.We’ll disgust this later if you like.
>

> Eddie – Do you think Lou is really bashful about building the aforementioned loop? I always thought Lou wasn’t bashful about anything. He’s a “CW Corntesting machine”, always ready to stomp over anyone he must in order to work that elusive DX. That’s our beloved Lou – hi!
>
> As a matter-of-fact, I can visualize him in his shacque now. You know, white T-shirt with a pack of Lucky Strike non filters, rolled up in his right sleeve, brownish-green empty 807’s all over his operating table, yelling up to his charming XYL “Nancy” to bring him more,, cursing worse that your most rugged Canadian sailor about anyone who is running more power than he is, etc; you know what I mean!
>
> This definitely is not a bashful guy! C’Mon Lou, you gotta back me up on this one. OK, maybe I did embellish a little bit (just a wee bit ay?) but I know you have the wherewith all to build a FB loop. If you need any material to do it,it can come from below the 49th Parallel – hi! You know who I mean.
>
> Here’s to building bigger and better loops, and best regards,
> Joe Cro N3IBX
>
>

5510. On Shielded Loops... & K9AYs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 16:02:49 UTC
From: Louis Vermond
Topic: 5510 Message: 5510
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Joe!
.....

I have a temporary K9AYset up. Yesterday I nulled the easterly leg of the antenna using a Toronto AM stn signal. This evening I am hoping to SKED a couple of 7s to see if a 9AY will do the job.

73, Lou
VE3AWA

5511. Re: [AWA Group] Re: On Shielded Loops...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 16:07:01 UTC
From: Louis Vermond
Topic: 5495 Message: 5511

...white T-shirt with a pack of Lucky Strike non filters... Camels

5512. Re: [AWA Group] On Shielded Loops... & K9AYs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 16:32:49 UTC
From: N1BUG
Topic: 5510 Message: 5512

I have?a temporary K9AYset up.

Lou's gettin' serious now! Go get 'em Lou!

Bugsy

5513. Re: [AWA Group] On Shielded Loops... & K9AYs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 17:18:01 UTC
From: Eddy Swynar
Topic: 5510 Message: 5513

On 2012-02-03, at 11:32 AM, N1BUG wrote:

> I have a temporary K9AYset up.
>
> Lou's gettin' serious now! Go get 'em Lou!
>
>

Hi Lou,

How do you like that K9AY...? Pretty amazing, isn't it...?

Many times I'll compare my south K9AY loop to my 1,500-foot long south-terminated Beverage---and more often than not, the K9AY wins hands-down (mind you, the Beverage---being as long as it is---has a much narrower frontal lobe).

I call K9AYs the "...poor man's Beverage". As someone once said on the Topband Reflector, "...You can NEVER have enough receiving antennas for 1.8-MHz!" How true...

~73~ de Eddy VE3CUI - VE3XZ

5514. For Paul -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 21:06:47 UTC
From: Mike Feher
Topic: 5514 Message: 5514

280817586332 - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5515. Re: [AWA Group] For Paul -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 21:14:09 UTC
From: Louis Vermond
Topic: 5514 Message: 5515

Look closely at the knurling...pliers damaged.

Lou

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2012-02-03 4:06 PM
Subject: [AWA Group] For Paul -

280817586332 - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5516. Re: [AWA Group] On Shielded Loops... & K9AYs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 21:19:26 UTC
From: Louis Vermond
Topic: 5510 Message: 5516

more often than not, the K9AY wins hands-down ... Here's hoping. Lou

5517. RE: [AWA Group] For Paul -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 21:22:28 UTC
From: Mike Feher
Topic: 5514 Message: 5517

They are older than you are, and I am sure your knurling is damaged even without the use of pliers -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, February 03, 2012 4:14 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] For Paul -

Look closely at the knurling...pliers damaged.

Lou

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: 2012-02-03 4:06 PM

Subject: [AWA Group] For Paul -

280817586332 - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5518. Re: [AWA Group] For Paul -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 21:24:20 UTC
From: Louis Vermond
Topic: 5514 Message: 5518

Nope, still fresh & perky...

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2012-02-03 4:22 PM
Subject: RE: [AWA Group] For Paul -

They are older than you are, and I am sure your knurling is damaged even without the use of pliers -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, February 03, 2012 4:14 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] For Paul -

Look closely at the knurling...pliers damaged.

Lou

----- Original Message -----

From: Mike Feher

To: AWAGroup@yahoogroups.com

Sent: 2012-02-03 4:06 PM

Subject: [AWA Group] For Paul -

280817586332 - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5519. Re: [AWA Group] Ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 21:57:43 UTC
From: Louis Vermond
Topic: 893 Message: 5519
Attachments: 1 described; binary payloads are missing from this source WARC

There've been a vew of these offered lately, minus the panel spacers. This one seems to have most of the original spacers intact (minus 4 of the short ones).

Paul,
Are you saying that the original hardware included both the long and shorter shim spacers?

5520. Re: [AWA Group] For Paul -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 23:13:59 UTC
From: N1BUG
Topic: 5514 Message: 5520

Mike - thanks for keeping me in mind! Will watch these and may bid even though some are damaged as Lou noted (enjoyed the comments re knurling :)

As an aside, I recently stumbled upon a large supply of the cheap reproductions like I used on the TNT, and stocked up so as to have some fall back if old ones weren't found.

73,
Paul

On 02/03/2012 04:06 PM, Mike Feher wrote:

280817586332 – 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5521. Re: [AWA Group] For Paul -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 23:14:21 UTC
From: N1BUG
Topic: 5514 Message: 5521

Mike - thanks for keeping me in mind! Will watch these and may bid even though some are damaged as Lou noted (enjoyed the comments re knurling :)

As an aside, I recently stumbled upon a large supply of the cheap reproductions like I used on the TNT, and stocked up so as to have some fall back if old ones weren't found.

73,
Paul

On 02/03/2012 04:06 PM, Mike Feher wrote:

280817586332 – 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5522. Re: [AWA Group] Ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-03 23:20:34 UTC
From: N1BUG
Topic: 893 Message: 5522
Attachments: 1 described; binary payloads are missing from this source WARC

Paul,
Are you saying that the original hardware included both the long and shorter shim spacers?

Yes Lou. I have a NOS/NIB Type DX with vernier. It has one long and two short shim spacers on each screw. Instructions say to remove one or both shim spacers to account for panel thickness. Evidently you have spacers? Are these from a Type DX? Looks like it.

5523. N1BUG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 01:27:07 UTC
From: Louis Vermond
Topic: 5523 Message: 5523
Attachments: 1 described; binary payloads are missing from this source WARC

I have a NOS/NIB Type DX with vernier. , Lou

5524. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 02:46:04 UTC
From: Don Dulmage
Topic: 5342 Message: 5524

As I said it is grndd grid. I imagine it will want more drive then i have however I live in hope as most cbs were 5 watts. and I have that. It had a 9 turn coil 5/8th" in diameter between the tune and load variable caps. the tune was a two gang I would guess 100pf per gang. only one gang hooked up but it had been tried on two but the second connection has unsoldered andushed out a bit. Probably too much pf for 1 meters with a 9 turn coil. I hooked it back up. I cut the 9 turn coil at the tune cap end and inserted a 9 turn coil 2 inch diameter (1/8" copper tubing) in series with the 5/8th " 9 turn. I installed a switch right at the coil sticking out the front panel to short the middle 4.5 turns fromthhe 2 inch coil out making it effectively a 4 1/2turn section plus the original small dia 9 turn. The load cap used only two sections of a 3 gang 365 pf unit. I added the third. I figured I now have 200pf tune cap. , a coil with 9 turns at 5/8 inch and 4 turna at 2inch or 8 1/2 turns at 2 inch or 12 turns at two inch plus i now have 1095 avalaible on the load cap. I should be able to find 40 and or 80 meters in there somewhere. I have no idea how to run it so i will start with all plates full mesh and the swr meter in line between the homebrew stuff and this linear. It should give me soe idea of what is happening i hope. I will see if I can get it on freq and then turn up the juice. hopefully some output andno smoke.
Don VE3LYX

5525. Re: [AWA Group] N1BUG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 02:55:40 UTC
From: N1BUG
Topic: 5523 Message: 5525
Attachments: 1 described; binary payloads are missing from this source WARC

Uh-oh !!!
Heading for the hills before Lou gets here with the lynch mob!

5526. Re: Tetrode oscillators in 1929?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 03:38:44 UTC
From: Jon
Topic: 5077 Message: 5526

I did some research. For those who may be interested, here's what I found:

The first tetrode crystal oscillator was patented by Albert W. Hull in March 1927.
An article comparing the advantages of the "UX-865" over the UX-210 as a crystal oscillator was published in the Nov. 1928 Proceedings of the Institute of Radio Engineers. This was before the UX-865 was officially released and it was not mentioned by name but rather described as a 4 electrode version of the 7 1/2 watt tube.

As far as self-excited oscillators, it seems that the familiar ECO didn't come out until the 1930's. An early version using a UX-865 was shown in an article in the Dec. 1931 Proceedings of the Institute of Radio Engineers titled "A RECENT DEVELOPMENT IN VACUUM TUBE OSCILLATOR CIRCUITS."

5527. Re: [AWA Group] Re: Tetrode oscillators in 1929?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 13:29:06 UTC
From: Louis Vermond
Topic: 5077 Message: 5527

Well done, Jon. Lou

----- Original Message -----
From: Jon
To: AWAGroup@yahoogroups.com
Sent: 2012-02-03 10:38 PM
Subject: [AWA Group] Re: Tetrode oscillators in 1929?

I did some research. For those who may be interested, here's what I found:

The first tetrode crystal oscillator was patented by Albert W. Hull in March 1927.
An article comparing the advantages of the "UX-865" over the UX-210 as a crystal oscillator was published in the Nov. 1928 Proceedings of the Institute of Radio Engineers. This was before the UX-865 was officially released and it was not mentioned by name but rather described as a 4 electrode version of the 7 1/2 watt tube.

As far as self-excited oscillators, it seems that the familiar ECO didn't come out until the 1930's. An early version using a UX-865 was shown in an article in the Dec. 1931 Proceedings of the Institute of Radio Engineers titled "A RECENT DEVELOPMENT IN VACUUM TUBE OSCILLATOR CIRCUITS."

5528. Re: [AWA Group] Ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 13:40:09 UTC
From: Louis Vermond
Topic: 893 Message: 5528
Attachments: 1 described; binary payloads are missing from this source WARC

Evidently you have spacers? Are these from a Type DX?

Yes & Yes. Was not sure if these were for the DX. Tks for the good news. Maybe life is worth while after all. Lou

5529. What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 20:56:16 UTC
From: Louis Vermond
Topic: 5529 Message: 5529
Attachments: 1 described; binary payloads are missing from this source WARC

Is this a socket for the "SW-3 coils"?
Tks, Lou

5530. Re: [AWA Group] What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 21:35:58 UTC
From: Don Buska - The Radio Lab Works
Topic: 5529 Message: 5530
Attachments: 1 described; binary payloads are missing from this source WARC

Appears to be identical to the sockets in my SW3.

Don N9OO

On 2/4/2012 2:56 PM, Louis Vermond wrote:
>
> Is this a socket for the "SW-3 coils"?
> Tks, Lou
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.1901 / Virus Database: 2112/4786 - Release Date: 02/03/12
>

--

5531. Re: [AWA Group] What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 21:54:14 UTC
From: Garey Barrell
Topic: 5529 Message: 5531

Lou -

Looks like it.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Louis Vermond wrote:
>
>
> Is this a socket for the "SW-3 coils"?
> Tks, Lou
>
>
>

5532. What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 22:26:45 UTC
From: Mike Feher
Topic: 5529 Message: 5532
Attachments: 1 described; binary payloads are missing from this source WARC

Do you mean to keep these funny looking round things up straight? I think it will work. - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

5533. RE: [AWA Group] What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 22:41:31 UTC
From: Steve Flood
Topic: 5529 Message: 5533

Hey! Those are supposed to flopping around loosely in a filthy box with cat hair and insect parts stuck to them with Pyranol residue. (At least that's how I found some at a hamfest).

Steve KK7UV

5534. RE: [AWA Group] What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 22:44:39 UTC
From: Mike Feher
Topic: 5529 Message: 5534

I bet you got a much better deal Steve. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Steve Flood
Sent: Saturday, February 04, 2012 5:42 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] What say?

Hey! Those are supposed to flopping around loosely in a filthy box with cat hair and insect parts stuck to them with Pyranol residue. (At least that's how I found some at a hamfest).

Steve KK7UV

5535. Fw: What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 23:48:09 UTC
From: Louis Vermond
Topic: 5535 Message: 5535
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you All...

5536. K9AY

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-04 23:59:58 UTC
From: Louis Vermond
Topic: 5536 Message: 5536

It works.

Condx last nite were punk. I mean rotten. By luck I was able to hear VE7SL as just perceptible. With the 9AY, he was almost copyable. If you knew how "just perceptible", you wud be impressed with the difference the ant made.

Top Band Bugsy is quaking I'm sure...

Here's to Signal to Noise...

73, Lou

5537. Just one more...honest

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 02:45:00 UTC
From: Louis Vermond
Topic: 5537 Message: 5537
Attachments: 2 described; binary payloads are missing from this source WARC

Hammarlund #AFD 1084

What's it for?
1 3/8" X 1 7/8"

5538. Re: [AWA Group] Just one more...honest

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 05:15:07 UTC
From: Niel - W0VLZ
Topic: 5537 Message: 5538

Lou,

How about socket for CR-15/U Three Pin Dual Crystal Unit?
3 pins are 1/8" dia. Two are spaced 1/2" apart. third pin
is offset by 7/8" from the other two..

Data and photo at http://www.af4k.com/crystal_holders.htm

Niel

Louis Vermond wrote:
>
> Hammarlund #AFD 1084
> What's it for?
> 1 3/8" X 1 7/8"
>

5539. Re: [AWA Group] Just one more...honest

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 05:15:53 UTC
From: Niel - W0VLZ
Topic: 5537 Message: 5539

Lou,

How about socket for CR-15/U Three Pin Dual Crystal Unit?
3 pins are 1/8" dia. Two are spaced 1/2" apart. third pin
is offset by 7/8" from the other two..

Data and photo at http://www.af4k.com/crystal_holders.htm

Niel

Louis Vermond wrote:
>
> Hammarlund #AFD 1084
> What's it for?
> 1 3/8" X 1 7/8"
>
>
>

5540. Re: [AWA Group] Just one more...honest

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 08:19:34 UTC
From: Leonard Meek
Topic: 5537 Message: 5540
Attachments: 2 described; binary payloads are missing from this source WARC

Maybe a dual xtal holder, like the ones in the TCS receivers

Leonard
----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Saturday, February 04, 2012 4:45 PM
Subject: [AWA Group] Just one more...honest

Hammarlund #AFD 1084

What's it for?
1 3/8" X 1 7/8"

5541. RE: [AWA Group] Just one more...honest

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 11:51:30 UTC
From: Steve Flood
Topic: 5537 Message: 5541
Attachments: 2 described; binary payloads are missing from this source WARC

CR-15/U crystal socket

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Sunday, February 05, 2012 1:20 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Just one more...honest

Maybe a dual xtal holder, like the ones in the TCS receivers

Leonard

----- Original Message -----

From: Louis Vermond <mailto:ldvermond@...>

To: AWAGroup <mailto:AWAGroup@yahoogroups.com>

Sent: Saturday, February 04, 2012 4:45 PM

Subject: [AWA Group] Just one more...honest

Hammarlund #AFD 1084

What's it for?

1 3/8" X 1 7/8"

5542. RE: [AWA Group] Just one more...honest

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 11:52:13 UTC
From: Steve Flood
Topic: 5537 Message: 5542
Attachments: 3 described; binary payloads are missing from this source WARC

CR-15/U Crystal Socket

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Sunday, February 05, 2012 1:20 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Just one more...honest

Maybe a dual xtal holder, like the ones in the TCS receivers

Leonard

----- Original Message -----

From: Louis Vermond <mailto:ldvermond@...>

To: AWAGroup <mailto:AWAGroup@yahoogroups.com>

Sent: Saturday, February 04, 2012 4:45 PM

Subject: [AWA Group] Just one more...honest

Hammarlund #AFD 1084

What's it for?

1 3/8" X 1 7/8"

5543. Re: [AWA Group] K9AY

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 14:02:49 UTC
From: Eddy Swynar
Topic: 5536 Message: 5543

On 2012-02-04, at 6:59 PM, Louis Vermond wrote:

>
> It works.
>
> Condx last nite were punk. I mean rotten. By luck I was able to hear VE7SL as just perceptible. With the 9AY, he was almost copyable. If you knew how "just perceptible", you wud be impressed with the difference the ant made.
>

Hi Lou,

I call it the difference between a QSO, & a need for the "Amazing Kreskin" myself...! : >)

~73~ de Eddy VE3CUI - VE3XZ

5544. Re: [AWA Group] Just one more...honest

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 15:37:56 UTC
From: Louis Vermond
Topic: 5537 Message: 5544

CR-15/U crystal socket
Niel, Leonard & UV...thank you.

But why 3 pins?

Lou

5545. Re: [AWA Group] K9AY

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 16:57:18 UTC
From: ve7sl@shaw.ca
Topic: 5536 Message: 5545

>the "Amazing Kreskin" myself...! : >)

whatever became of that quack?

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5546. Re: [AWA Group] Just one more...honest

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 17:43:42 UTC
From: Leonard Meek
Topic: 5537 Message: 5546

There's 2 xtals in one case.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Sunday, February 05, 2012 5:37 AM
Subject: Re: [AWA Group] Just one more...honest

CR-15/U crystal socket
Niel, Leonard & UV...thank you.

But why 3 pins?

Lou

5547. Re: [AWA Group] Just one more...honest

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 18:11:40 UTC
From: Louis Vermond
Topic: 5537 Message: 5547

There's 2 xtals in one case. Of course... Tks Len.

5548. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 22:37:55 UTC
From: Don Dulmage
Topic: 5342 Message: 5548

Speaking of MOPAs I spent some time redoing my Mopa. Rx TX just now. I redesigned the switching and replaced the 58 tube with a 42 . Just had to move one wire for it as the grid is below in the 42 and the supressor contact is inside. Had tosacrifice my Supressor grid modulation but it would be useless at that power level anyway. It was fun to try and more fun when it worked. .
What i did so far works well. I need a 7 ohm resistor to run both filments properly however beleive it or not the42 actually gets warm but it takes about 5 minutes at the 56 filment voltage. Switching the 42 in and out did actually show some difference. I wouldnt have thought so. Since the 42 is an actual PA tube it should do a better job even at 165 volts. B+
Also made a speaker .Old telephone receiver piece installed in a 22 inch homemade cone from Butcher paper and varnish. Looks Like an old dachshund.

5549. Re: [AWA Group] What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 23:45:53 UTC
From: ne1s@securespeed.us
Topic: 5529 Message: 5549

> Is this a socket for the "SW-3 coils"?
> Tks, Lou
>
>

Sure looks like it to me, Lou.

5550. Re: [AWA Group] What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-05 23:47:43 UTC
From: Louis Vermond
Topic: 5529 Message: 5550

Tks Larry. Ur in the majority... Lou

----- Original Message -----
From: ne1s@...
To: AWAGroup@yahoogroups.com
Sent: 2012-02-05 6:45 PM
Subject: Re: [AWA Group] What say?

> Is this a socket for the "SW-3 coils"?
> Tks, Lou
>
>

Sure looks like it to me, Lou.

5551. Re: [AWA Group] Just one more...honest

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 00:01:35 UTC
From: ne1s@securespeed.us
Topic: 5537 Message: 5551

> Hammarlund #AFD 1084
>
> What's it for?
> 1 3/8" X 1 7/8"
>
>
>

Can't say for sure, but I've seen XTALs with that (or similar) 3-pin arrangement.

5552. Re: [AWA Group] Just one more...honest

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 00:04:49 UTC
From: ne1s@securespeed.us
Topic: 5537 Message: 5552

```
>> Hammarlund #AFD 1084
>>
>> What's it for?
>> 1 3/8" X 1 7/8"
>>
>>
>>
>
> Can't say for sure, but I've seen XTALs with that (or similar) 3-pin
> arrangement.
>
```

I see once again I'm late to the party.

It's been a busy weekend and I'm just catching up with you guys.

5553. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 00:22:56 UTC
From: ne1s@securespeed.us
Topic: 5342 Message: 5553

> Speaking of MOPAs I spent some time redoing my Mopa. Rx TX just now. I
> redesigned the switching and replaced the 58 tube with a 42 . Just had to
> move one wire for it as the grid is below in the 42 and the supressor
> contact is inside. Had tosacrifice my Supressor grid modulation but it
> would be useless at that power level anyway. It was fun to try and more
> fun when it worked. .

Don,

See of you can get your hand on an 837 - it was designed for supressor modulation.

For lower power a 59 might work - not sure how well.

-Larry/NE1S

5554. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 00:33:16 UTC
From: ne1s@securespeed.us
Topic: 5342 Message: 5554

Hi Don,

I think you are responding to a reply I posted to you and the list, but I'm not sure. I'd like to suggest that you retain pertinent parts of the message you are replying to within your reply, as Im doing. It will make a tread a lot easier to follow for everyone who is interested, including you and I.

> As I said it is grndd grid.

Yep, read you loud and clear. I'm guessing you may have misinterpreted my question when I had asked whether the input of your linear amp was tuned or not. With grounded grid, it can be either. Performance (impedance matching to exciter, IMD products) is usually better with a tuned circuit right at the cathode. Omitting it is easier and cheaper, IF you can get away with it.

>I imagine it will want more drive then i have
> however I live in hope as most cbs were 5 watts. and I have that. It had a
> 9 turn coil 5/8th" in diameter between the tune and load variable caps.
> the tune was a two gang I would guess 100pf per gang. only one gang hooked
> up but it had been tried on two but the second connection has unsoldered
> andushed out a bit. Probably too much pf for 1 meters with a 9 turn coil.
> I hooked it back up. I cut the 9 turn coil at the tune cap end and
> inserted a 9 turn coil 2 inch diameter (1/8" copper tubing) in series with
> the 5/8th " 9 turn. I installed a switch right at the coil sticking out
> the front panel to short the middle 4.5 turns fromthhe 2 inch coil out
> making it effectively a 4 1/2turn section plus the original small dia 9
> turn. The load cap used only two sections of a 3 gang 365 pf unit. I added
> the third. I figured I now have 200pf tune cap. , a coil with 9 turns at
> 5/8 inch and 4 turna at 2inch or 8 1/2 turns at 2 inch or 12 turns at two
> inch plus i now have 1095 avalaible on the load cap. I should be able to
> find 40 and or 80 meters in there somewhere. I have no idea how to run it
> so i will start with all plates full mesh and the swr meter in line
> between the homebrew stuff and this linear. It should give me soe idea of
> what is happening i hope. I will see if I can get it on freq and then turn
> up the juice. hopefully some output andno smoke.

Sounds reasonable. Let us know your results.

73,
-Larry/NE1S

5555. Suggestions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 01:51:05 UTC
From: Louis Vermond
Topic: 5555 Message: 5555
Attachments: 3 described; binary payloads are missing from this source WARC

What is the most common power tubes appropriate to the sockets below. Tks, Lou

2.5"

2 3/8"

2.5"

5556. RE: [AWA Group] Suggestions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 02:49:41 UTC
From: Steve Flood
Topic: 5555 Message: 5556
Attachments: 1 described; binary payloads are missing from this source WARC

For 813

5557. Re: [AWA Group] Suggestions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 02:59:06 UTC
From: Louis Vermond
Topic: 5555 Message: 5557
Attachments: 1 described; binary payloads are missing from this source WARC

Tks Steve...

Rest?

For 813

5558. Re: [AWA Group] What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 03:14:06 UTC
From: Roger Kuchera
Topic: 5529 Message: 5558

The socket for SW-3 coils has 6 pins with a non-standard pin spacing and no "fat" pins for the filaments. I'm would hazard a guess as it being a Collins Xtal socket.

BTW: The SW-3 sockets came in both square and oval shapes.

CUL, Roger/K1TG

--- On Sun, 2/5/12, Louis Vermond <ldvermond@sympatico.ca> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] What say?
To: AWAGroup@yahoogroups.com
Date: Sunday, February 5, 2012, 6:47 PM

Tks Larry. Ur in the majority... Lou

----- Original Message -----
From: ne1s@...
To: AWAGroup@yahoogroups.com
Sent: 2012-02-05 6:45 PM
Subject: Re: [AWA Group] What say?

> Is this a socket for the "SW-3 coils"?
> Tks, Lou
>
>

Sure looks like it to me, Lou.

5559. Re: [AWA Group] What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 03:18:34 UTC
From: Louis Vermond
Topic: 5529 Message: 5559

Tks Roger...

----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2012-02-05 10:14 PM
Subject: Re: [AWA Group] What say?

The socket for SW-3 coils has 6 pins with a non-standard pin spacing and no "fat" pins for the filaments. I'm would hazard a guess as it being a Collins Xtal socket.

BTW: The SW-3 sockets came in both square and oval shapes.

CUL, Roger/K1TG

--- On Sun, 2/5/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] What say?
To: AWAGroup@yahoogroups.com
Date: Sunday, February 5, 2012, 6:47 PM

Tks Larry. Ur in the majority... Lou

----- Original Message -----
From: ne1s@...
To: AWAGroup@yahoogroups.com
Sent: 2012-02-05 6:45 PM
Subject: Re: [AWA Group] What say?

> Is this a socket for the "SW-3 coils"?
> Tks, Lou
>
>

Sure looks like it to me, Lou.

5560. 1929 Western Radio catalog

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 04:06:24 UTC
From: Jon
Topic: 5560 Message: 5560

http://www.coutant.org/western/western.pdf

Shows those cool Silver-Marshall and Thordarson parts, as well as some Aero transmitters.

5561. Re: [AWA Group] 1929 Western Radio catalog

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 12:39:11 UTC
From: N1BUG
Topic: 5560 Message: 5561

Thanks! That answered a number of nagging questions I have been researching for many months!

73,
Paul N1BUG

On 02/05/2012 11:06 PM, Jon wrote:

http://www.coutant.org/western/western.pdf

Shows those cool Silver-Marshall and Thordarson parts, as well as some Aero transmitters.

5562. QSK article

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 16:00:28 UTC
From: Roger Kuchera
Topic: 5562 Message: 5562

Gentlemen,
I'm not one for recommending things but the recent article in QST
that deals with adding QSK to vintage gear is excellent. I built the
gadget and have used it. It works FB.

I had been using a foot switch to operate a bunch of 115 VAC relays
to do T/R switching in my vintage station, the relay racket was loud and
QSK meant; How fast I could move my foot. Now, a touch of key and Presto!
T/R switching! It is not totally silent but the Blacksmith like sounds
have been replaced with some mild clicking.

I added a relay to switch RX audio to sidetone or CW monitor output.
The author of the article was very helpful and rendered help via Email.

The only confusing thing was the relay pin numbering.

So without further ado, I commend the project to anyone wanting to
"slick up" their vintage operation.

CUL, Roger/K1TG

5563. Re: [AWA Group] QSK article

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 16:11:40 UTC
From: Eddy Swynar
Topic: 5562 Message: 5563

Hi Roger,

What specific issue is the article in...?

My only experience here with QSK was a short-lived a very sad one: some 39 years ago, I built the electronic 6AH6 T/R switch described in UNDERSTANDING AMATEUR RADIO. Thanks to the harmonics that incidious device generated, I received my one & only (to now) personal visit by a representative of the Canadian Department of Communications (our licensing authority at the time), in the matter of the TVI that my 8-watt(!) 40-meter rig was causing to a neighbour 3 houses up the other side of the street that we lived on!

I immediately "retired" that TVI generator, replacing it with---surprise!---a 115 VAC relay, & never had that issue again...

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-02-06, at 11:00 AM, Roger Kuchera wrote:

> Gentlemen,
> I'm not one for recommending things but the recent article in QST
> that deals with adding QSK to vintage gear is excellent. I built the
> gadget and have used it. It works FB.
>
> I had been using a foot switch to operate a bunch of 115 VAC relays
> to do T/R switching in my vintage station, the relay racket was loud and
> QSK meant; How fast I could move my foot. Now, a touch of key and Presto!
> T/R switching! It is not totally silent but the Blacksmith like sounds
> have been replaced with some mild clicking.
>
> I added a relay to switch RX audio to sidetone or CW monitor output.
> The author of the article was very helpful and rendered help via Email.
>
>

5564. RE: [AWA Group] QSK article

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 16:41:44 UTC
From: Bauman, John
Topic: 5562 Message: 5564

"QSK meant; How fast I could move my foot."

With my vintage gear, QSK means how fast can I throw the knife switch!

John
KB7NRN

5565. Re: [AWA Group] K9AY

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 16:52:29 UTC
From: N1BUG
Topic: 5536 Message: 5565

For some reason Lou's original post either never made it to my inbox or perhaps I was clicking Delete a bit too vigorously as I worked through many emails (I'm subscribed to several groups and don't always read everything from some of them).

Way to go Lou! I shall be eager to snag you on 160 at some point. No, I still don't have a full set of 160 coils for the TNT. More on that shortly.

73,
Paul N1BUG

On 02/05/2012 09:02 AM, Eddy Swynar wrote:

On 2012-02-04, at 6:59 PM, Louis Vermond wrote:

It works.

Condx last nite were punk. I mean rotten. By luck I was able to hear VE7SL as just perceptible. With the 9AY, he was almost copyable. If you knew how "just perceptible", you wud be impressed with the difference the ant made.

5566. Re: [AWA Group] QSK article

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 17:47:14 UTC
From: Roger Kuchera
Topic: 5562 Message: 5566

OOps! The February, 2012 issue of Q Street.

R.

--- On Mon, 2/6/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@xplornet.ca>
Subject: Re: [AWA Group] QSK article
To: AWAGroup@yahoogroups.com
Date: Monday, February 6, 2012, 11:11 AM

Hi Roger,

What specific issue is the article in...?

My only experience here with QSK was a short-lived a very sad one: some 39 years ago, I built the electronic 6AH6 T/R switch described in UNDERSTANDING AMATEUR RADIO. Thanks to the harmonics that incidious device generated, I received my one & only (to now) personal visit by a representative of the Canadian Department of Communications (our licensing authority at the time), in the matter of the TVI that my 8-watt(!) 40-meter rig was causing to a neighbour 3 houses up the other side of the street that we lived on!

I immediately "retired" that TVI generator, replacing it with---surprise!---a 115 VAC relay, & never had that issue again...

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-02-06, at 11:00 AM, Roger Kuchera wrote:

Gentlemen,
I'm not one for recommending things but the recent article in QST
that deals with adding QSK to vintage gear is excellent. I built the
gadget and have used it. It works FB.

I had been using a foot switch to operate a bunch of 115 VAC relays
to do T/R switching in my vintage station, the relay racket was loud and
QSK meant; How fast I could move my foot. Now, a touch of key and Presto!
T/R switching! It is not totally silent but the Blacksmith like sounds
have been replaced with some mild clicking.

I added a relay to switch RX audio to sidetone or CW monitor output.
The author of the article was very helpful and rendered help via Email.

5567. RE: [AWA Group] QSK article

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 17:50:20 UTC
From: Roger Kuchera
Topic: 5562 Message: 5567

I guess "QSK" is offensive to some. My vintage stuff is more mid-1930s so for me it's a godsend. I go back to moving clip leads....Ughhhh! It's a clever solution.

Roger.

--- On Mon, 2/6/12, Bauman, John <john.bauman@atimetals.com> wrote:

From: Bauman, John <john.bauman@...>
Subject: RE: [AWA Group] QSK article
To: "'AWAGroup@yahoogroups.com'" <AWAGroup@yahoogroups.com>
Date: Monday, February 6, 2012, 11:41 AM

“QSK meant; How fast I could move my foot.”

With my vintage gear, QSK means how fast can I throw the knife switch!

John
KB7NRN

5568. Re: [AWA Group] What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-06 18:40:18 UTC
From: ne1s@securespeed.us
Topic: 5529 Message: 5568

Roger,

> The socket for SW-3 coils has 6 pins with a non-standard pin spacing and
> no "fat" pins
> for the filaments.

Yes, and that's exactly what Lou posted in his photo. I looked at it closely, and am sure it is the National 6-pin coil arrangement. I am quite familiar with it - I have both an FB-7 and an SW-3, and am hoarding coils and forms ;-)

>I'm would hazard a guess as?it being a?Collins Xtal
> socket.
> ?

The 3-pin socket Lou posted soon after he posted the 6-pin socket is definitely a XTAL socket.

73,
-Larry/NE1S

5569. Re: [AWA Group] What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 03:06:41 UTC
From: Roger Kuchera
Topic: 5529 Message: 5569

Hi Larry,
What I got a pix of was a 3-pin socket. I rechecked the email and all
it had was 1 pix.

CUL, Roger/K1TG

--- On Mon, 2/6/12, ne1s@securespeed.us <ne1s@...> wrote:

> From: ne1s@... <ne1s@securespeed.us>
> Subject: Re: [AWA Group] What say?
> To: AWAGroup@yahoogroups.com
> Date: Monday, February 6, 2012, 1:40 PM
> Roger,
>
> > The socket for SW-3 coils has 6 pins with a
> non-standard pin spacing and
> > no "fat" pins
> > for the filaments.
>
> Yes, and that's exactly what Lou posted in his photo. I
> looked at it
> closely, and am sure it is the National 6-pin coil
> arrangement. I am quite
> familiar with it - I have both an FB-7 and an SW-3, and am
> hoarding coils
> and forms ;-)
>
> >I'm would hazard a guess as it being a Collins Xtal
> > socket.
> >
>
> The 3-pin socket Lou posted soon after he posted the 6-pin
> socket is
> definitely a XTAL socket.
>
> 73,
> -Larry/NE1S
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   AWAGroup-fullfeatured@yahoogroups.com

>
>

5570. What say? Stand down...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 03:26:09 UTC
From: Louis Vermond
Topic: 5570 Message: 5570

Roger,

The questions have bn answered.

The three-holer is for a two-in-one 3 pin xtal holder. The National wafer is for the "SW-3 type" coil forms. It is mentioned ...but not shown...in the '38 cat.

GN, Lou

----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2012-02-06 10:06 PM
Subject: Re: [AWA Group] What say?

Hi Larry,
What I got a pix of was a 3-pin socket. I rechecked the email and all
it had was 1 pix.

CUL, Roger/K1TG

--- On Mon, 2/6/12, ne1s@securespeed.us <ne1s@...> wrote:

> From: ne1s@... <ne1s@...>
> Subject: Re: [AWA Group] What say?
> To: AWAGroup@yahoogroups.com
> Date: Monday, February 6, 2012, 1:40 PM
> Roger,
>
> > The socket for SW-3 coils has 6 pins with a
> non-standard pin spacing and
> > no "fat" pins
> > for the filaments.
>
> Yes, and that's exactly what Lou posted in his photo. I
> looked at it
> closely, and am sure it is the National 6-pin coil
> arrangement. I am quite
> familiar with it - I have both an FB-7 and an SW-3, and am
> hoarding coils
> and forms ;-)
>
> >I'm would hazard a guess as it being a Collins Xtal
> > socket.
> >
>
> The 3-pin socket Lou posted soon after he posted the 6-pin

> socket is
> definitely a XTAL socket.
>
> 73,
> -Larry/NE1S
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
> AWAGroup-fullfeatured@yahoogroups.com
>
>

5571. RE: [AWA Group] What say? Stand down...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 08:15:05 UTC
From: Mike Feher
Topic: 5570 Message: 5571

The 3 hole pin out is not always for a "two in one" crystal. Single crystals also used the same package. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, February 06, 2012 10:26 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] What say? Stand down...

Roger,

The questions have bn answered.

The three-holer is for a two-in-one 3 pin xtal holder. The National wafer is for the "SW-3 type" coil forms. It is mentioned ...but not shown...in the '38 cat.

GN, Lou

----- Original Message -----

From: Roger Kuchera <mailto:rwkuchera@...>

To: AWAGroup@yahoogroups.com

Sent: 2012-02-06 10:06 PM

Subject: Re: [AWA Group] What say?

Hi Larry,
What I got a pix of was a 3-pin socket. I rechecked the email and all it had was 1 pix.

CUL, Roger/K1TG

--- On Mon, 2/6/12, ne1s@... <ne1s@...> wrote:

> From: ne1s@... <ne1s@...>
> Subject: Re: [AWA Group] What say?
> To: AWAGroup@yahoogroups.com
> Date: Monday, February 6, 2012, 1:40 PM

> Roger,
>
> > The socket for SW-3 coils has 6 pins with a
> non-standard pin spacing and
> > no "fat" pins
> > for the filaments.
>
> Yes, and that's exactly what Lou posted in his photo. I
> looked at it
> closely, and am sure it is the National 6-pin coil
> arrangement. I am quite
> familiar with it - I have both an FB-7 and an SW-3, and am
> hoarding coils
> and forms ;-)
>
> >I'm would hazard a guess as it being a Collins Xtal
> > socket.
> >
>
> The 3-pin socket Lou posted soon after he posted the 6-pin
> socket is
> definitely a XTAL socket.
>
> 73,
> -Larry/NE1S
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
> AWAGroup-fullfeatured@yahoogroups.com
<mailto:AWAGroup-fullfeatured%40yahoogroups.com>
>
>

5572. RE: [AWA Group] What say? Stand down...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 13:50:54 UTC
From: Bauman, John
Topic: 5570 Message: 5572

"The 3 hole pin out is not always for a "two in one" crystal. Single crystals also used the same package. 73 - Mike"
Yes, like for the WWII TCS series.
Having owned 5 or 6 pairs of TCS sets and collecting
any crystal holders that fit the sockets, whether for the
a TCS or not, I have only found single quartz elements
in such holders.

YMMV.

John
KB7NRN

5573. Re: [AWA Group] What say? Stand down...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 14:27:07 UTC
From: Louis Vermond
Topic: 5570 Message: 5573

I like my story better....

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2012-02-07 3:15 AM
Subject: RE: [AWA Group] What say? Stand down...

The 3 hole pin out is not always for a "two in one" crystal. Single crystals also used the same package. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, February 06, 2012 10:26 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] What say? Stand down...

Roger,

The questions have bn answered.

The three-holer is for a two-in-one 3 pin xtal holder. The National wafer is for the "SW-3 type" coil forms. It is mentioned ...but not shown...in the '38 cat.

GN, Lou

----- Original Message -----

From: Roger Kuchera

To: AWAGroup@yahoogroups.com

Sent: 2012-02-06 10:06 PM

Subject: Re: [AWA Group] What say?

Hi Larry,
What I got a pix of was a 3-pin socket. I rechecked the email and all
it had was 1 pix.

CUL, Roger/K1TG

--- On Mon, 2/6/12, ne1s@securespeed.us <ne1s@...> wrote:

> From: ne1s@... <ne1s@...>
> Subject: Re: [AWA Group] What say?
> To: AWAGroup@yahoogroups.com
> Date: Monday, February 6, 2012, 1:40 PM
> Roger,
>
> > The socket for SW-3 coils has 6 pins with a
> non-standard pin spacing and
> > no "fat" pins
> > for the filaments.
>
> Yes, and that's exactly what Lou posted in his photo. I
> looked at it
> closely, and am sure it is the National 6-pin coil
> arrangement. I am quite
> familiar with it - I have both an FB-7 and an SW-3, and am
> hoarding coils
> and forms ;-)
>
> >I'm would hazard a guess as it being a Collins Xtal
> > socket.
> >
>
> The 3-pin socket Lou posted soon after he posted the 6-pin
> socket is
> definitely a XTAL socket.
>
> 73,
> -Larry/NE1S
>
>
>
> ----------
>
> Yahoo! Groups Links
>
>
> AWAGroup-fullfeatured@yahoogroups.com
>
>

5574. RE: [AWA Group] QSK article

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 14:38:39 UTC
From: Bauman, John
Topic: 5562 Message: 5574

No Roger, it was just a joke.
I do use a knife switch tho on the older rigs.
All my newer rigs have QSK.

John
“I guess "QSK" is offensive to some.”

5575. Re: [AWA Group] What say? Stand down...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 17:47:33 UTC
From: Leonard Meek
Topic: 5570 Message: 5575

I thought I read somewhere that the TCS xtal holders were dual holders. But only the same 2 pins of each xtal are used so it doesn't matter if the holders are single or dual.

Leonard

Original Message -----
From: Bauman, John
To: 'AWAGroup@yahoogroups.com'
Sent: Tuesday, February 07, 2012 3:50 AM
Subject: RE: [AWA Group] What say? Stand down...

"The 3 hole pin out is not always for a "two in one" crystal. Single crystals also used the same package. 73 - Mike"

Yes, like for the WWII TCS series.

Having owned 5 or 6 pairs of TCS sets and collecting

any crystal holders that fit the sockets, whether for the

a TCS or not, I have only found single quartz elements

in such holders.

YMMV.

John

KB7NRN

5576. AWA Review

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 18:54:09 UTC
From: Louis Vermond
Topic: 960 Message: 5576

I understand that the latest edition of the AWA Review is available. In the past these were mailed grats to all members.

If that is still the case and these is someone here willing to part with theirs for a consideration, I would like to hear from you.

73, Lou
Ldvermond@...

5577. Re: [AWA Group] AWA Review

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 19:14:53 UTC
From: Eddy Swynar
Topic: 960 Message: 5577

On 2012-02-07, at 1:54 PM, Louis Vermond wrote:

>
> I understand that the latest edition of the AWA Review is available. In the past these were mailed grats to all members.
>
> If that is still the case and these is someone here willing to part with theirs for a consideration, I would like to hear from you.
>

Hi Lou,

Do you mean you still haven't renewed your membership...?!

~73~ de Eddy VE3CUI - VE3XZ

5578. Re: [AWA Group] AWA Review

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 19:21:49 UTC
From: Louis Vermond
Topic: 960 Message: 5578

Nope, still haven't...

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-02-07 2:14 PM
Subject: Re: [AWA Group] AWA Review

On 2012-02-07, at 1:54 PM, Louis Vermond wrote:

I understand that the latest edition of the AWA Review is available. In the past these were mailed grats to all members.

If that is still the case and these is someone here willing to part with theirs for a consideration, I would like to hear from you.

Hi Lou,

Do you mean you still haven't renewed your membership...?!

~73~ de Eddy VE3CUI - VE3XZ

5579. Re: [AWA Group] AWA Review

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 21:28:42 UTC
From: Edward Gable
Topic: 960 Message: 5579

The latest issue of the AWA Review is #24 that came out during the Summer of 2011. All recent reviews, except #20, are available from the AWA Museum store. See the latest AWA Journal for details. 73, /Ed k2mp

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Tuesday, February 07, 2012 1:54 PM
Subject: [AWA Group] AWA Review

I understand that the latest edition of the AWA Review is available. In the past these were mailed grats to all members.

If that is still the case and these is someone here willing to part with theirs for a consideration, I would like to hear from you.

73, Lou
Ldvermond@...

5580. RE: [AWA Group] What say? Stand down...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 21:59:11 UTC
From: Bauman, John
Topic: 5570 Message: 5580

All mine were single crystal elements inside. I had over a dozen.

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Tuesday, February 07, 2012 9:48 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] What say? Stand down...

I thought I read somewhere that the TCS xtal holders were dual holders. But only the same 2 pins of each xtal are used so it doesn't matter if the holders are single or dual.

Leonard

5581. AWA Review & Ed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 22:04:47 UTC
From: Louis Vermond
Topic: 5581 Message: 5581

The latest issue of the AWA Review is #24 that came out during the Summer of 2011. All recent reviews, except #20, are available from the AWA Museum store. See the latest AWA Journal for details.

Thank you, Ed.

I'll back up a bit and ask this before I go on.

Does #24 have an article written by Gerry O'Hara on the Eddystone, All World 2 receiver? That piece is the reason I wish a copy.

Lou

5582. Re: Review 24

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-07 23:11:21 UTC
From: Louis Vermond
Topic: 5582 Message: 5582

Yes, a nice 20 page article. /Ed

Great! Tks, Ed.

From the Museum Store site... Is the #24 also $15? Also, see no mention of shipping charges. Is that included in the $15? If so, OK for Canada?

Lou

5583. Re: [AWA Group] What say?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-08 11:42:31 UTC
From: ne1s@securespeed.us
Topic: 5529 Message: 5583

> Hi Larry,
> What I got a pix of was a 3-pin socket. I rechecked the email and all
> it had was 1 pix.
>

FB Roger; guess somehow you missed Lou's earlier Email (the original with the present subject line) in which he had posted a photo of the 6-pin socket with the configuration used by the SW-3, SW-5, and FB-7 coils.

Check your SPAM folder?

73,
-Larry/NE1S

5584. AM Fone Activities Coming Up...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-08 14:00:36 UTC
From: Eddy Swynar
Topic: 5584 Message: 5584

Good Day All,

Besides the AWA AM QSO Party which is fast approaching us, here is a link for details on yet another AM event, happening this coming weekend:

http://www.classeradio.com/amtr.htm

Could be a good chance to give those Heising-modulated rigs a bit of a work-out before the AWA-sponsored happening---assuming there's some interest in the mode out there (which I THINK is true)! : >)

~73~ de Eddy VE3CUI - VE3XZ

5585. ebay alert: some micas

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-08 17:08:01 UTC
From: Andy UU1CC
Topic: 5585 Message: 5585

http://www.ebay.com/itm/Old-Vtg-Peerless-Radio-Kondenser-Kit-Mica-Condenser-Wellesley-Mass-/360431545984

--
73! Andy UU1CC

5586. QSTs Wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-08 22:22:57 UTC
From: Louis Vermond
Topic: 5586 Message: 5586

For years I've been wanting to expand my paper QST collection to include 1920 & '21. Before I start eBay searching, does anyone have extra copies of those years for sale or trade?

Tks, Lou

5587. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-09 03:27:28 UTC
From: Don Dulmage
Topic: 5342 Message: 5587

Larry,
I just got my 6cd6g. I would like to install it in place of the 6l6 in my Pa here . Will the 6v6 driver have enuf suds to drive it? What would be power comparison over a 6l6 vrs a 6cd6g?
I am thinking parasitic choke in plate lead. 100K screen grid resistor 200ohms cathode resistor or should I just rewire for the 6cd6g pinout and start with all as it was for the 6l6?
Don VE3LYX.

5588. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-09 14:22:40 UTC
From: ne1s@securespeed.us
Topic: 5342 Message: 5588

> Larry,
> I just got my 6cd6g. I would like to install it in place of the 6l6 in my
> Pa here . Will the 6v6 driver have enuf suds to drive it? What would be
> power comparison over a 6l6 vrs a 6cd6g?
> I am thinking parasitic choke in plate lead. 100K screen grid resistor
> 200ohms cathode resistor or should I just rewire for the 6cd6g pinout and
> start with all as it was for the 6l6?
> Don VE3LYX.

Hi Don,

I think we've covered this in a previous post.

You will be running the 6CD6 in class AB1 (no grid current) or class AB2 (grid current). Class AB1 requires higher - i.e., more negative - control grid bias and higher screen grid voltage, than class AB2 . This is because:

(1) In class AB1, you prevent the grid from drawing current by having a (-) grid bias voltage greater than 1/2 the peak-to-peak signal voltage from the driving stage. This keeps the grid negative with respect to the cathode, so that it doesn't draw grid current (once the grid goes positive wrt the cathode it will draw current because the grid-cathode diode is forward-biased and will therefore conduct).

(2) You want the 6CD6 plate current to idle at roughly 10% of it's peak value. With a higher (more negative) grid bias, you need a higher screen voltage to compensate. In any case, the product of the idling current and plate voltage should not exceed 20W tops - the plate dissipation limit for the 6CD6. The screen voltage needs to be from a "stiff" source - preferably regulated, but a voltage divider would probably be good enough. A simple dropping resistor is probably NOT good enough, for the same reason a cathode resistor isn't recommended (see below).

Cathode resistor bias is usually inappropriate for class AB amplifiers; a fixed grid bias supply is a lot better. It MAY be OK for AM operation since the DC plate current should be constant, but it would be a disaster for SSB, where the "DC" plate current follows a syllabic rate. One solution is to use a Zener diode of the correct bias voltage in place of a cathode resistor (well-bipassed for RF), which would eliminate the need for a separate bias supply. If you run class AB2 a grid resistor is inappropriate; you need a choke to ground at the control grid. Otherwise, your grid bias will change with the driving signal, and linearity will go out the window.

I would monitor both grid current and plate current (and screen current too if you can muster it) while you are setting it up.

For me to give you more specific information, I need to know what plate voltage you will be running, and the peak RF driving voltage from the 6V6, which, by the way, should be capable of providing plenty of signal to the 6CD6 grid (providing, of course, the 6V6 stage is designed properly and has enough signal applied to it's own grid). Again, were it me, I would use a 6AG7 in place of a 6V6 in this application, because the 6AG7 screen is much denser than the 6V6 screen grid (with resulting lower Cgp and less chance of the stage breaking into oscillation). The stage gain is also probably better with the 6AG7.

73,
-Larry/NE1S

5589. Ebay Bargain -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-10 13:13:32 UTC
From: Mike Feher
Topic: 5589 Message: 5589

Here is a neat radio. The guy even cleaned it up and threw away all of the old wiring. 73 - Mike

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=140700428953&ssPageName=ADME:B:SS:US:1123> &item=140700428953&ssPageName=ADME:B:SS:US:1123

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5590. OT QST Magazines...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-10 13:17:01 UTC
From: Eddy Swynar
Topic: 5590 Message: 5590

Hi Guys,

I think it was you, Lou, who was looking for late teens / early 20s issues of QST the other day...

This ain't too shabby a price at all---IF it stays there, that is:

http://www.ebay.com/itm/QST-Magazine-February-1917-plus-14-additional-issues-/330682804735?pt=LH_DefaultDomain_0&hash=item4cfe3b29ff#ht_733wt_1398

~73~ de Eddy VE3CUI - VE3XZ

5591. Re: [AWA Group] Ebay Bargain -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-10 13:18:51 UTC
From: ne1s@securespeed.us
Topic: 5589 Message: 5591

> Here is a neat radio. The guy even cleaned it up and threw away all of the
> old wiring. 73 - Mike
>

I guess now it's a wire-it-yourself regen kit!

Funny how he thought it necessary to say it was "untested."

73,
-Larry/NE1S

5592. Re: [AWA Group] OT QST Magazines...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-10 15:09:54 UTC
From: Louis Vermond
Topic: 5590 Message: 5592

Tks Eddy...
Lou

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-02-10 8:17 AM
Subject: [AWA Group] OT QST Magazines...

Hi Guys,

I think it was you, Lou, who was looking for late teens / early 20s issues of QST the other day...

This ain't too shabby a price at all---IF it stays there, that is:

http://www.ebay.com/itm/QST-Magazine-February-1917-plus-14-additional-issues-/330682804735?pt=LH_DefaultDomain_0&hash=item4cfe3b29ff#ht_733wt_1398

~73~ de Eddy VE3CUI - VE3XZ

5593. antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 00:04:18 UTC
From: Jim Robson
Topic: 5593 Message: 5593

AWAGroup friends--antenna question:

I have a gratefully borrowed Kenwood 520SE with an end-fed antenna on the air. I have been achieving very erratic SSB signal reports on 40M, lately. I believe the 520 is a reliable radio and so suspect my end-fed antenna. I note that the SFI is not favourable. Just the same, most comments on-air have included reference to a center fed dipole or inverted vee.

I would be most grateful for any comment on an appropriate and effective antenna and ground or counterpoise for HF.

So, question: what is the best antenna for HF?

73,
Jim/VE3BHK

5594. Re: [AWA Group] antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-10 23:33:58 UTC
From: Louis Vermond
Topic: 5593 Message: 5594

Describe "erratic" in this case, Jim. How so?

Lou

----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: 2012-02-10 7:04 PM
Subject: [AWA Group] antenna question

AWAGroup friends--antenna question:

I have a gratefully borrowed Kenwood 520SE with an end-fed antenna on the air. I have been achieving very erratic SSB signal reports on 40M, lately. I believe the 520 is a reliable radio and so suspect my end-fed antenna. I note that the SFI is not favourable. Just the same, most comments on-air have included reference to a center fed dipole or inverted vee.

I would be most grateful for any comment on an appropriate and effective antenna and ground or counterpoise for HF.

So, question: what is the best antenna for HF?

73,
Jim/VE3BHK

5595. Re: [AWA Group] antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 00:37:52 UTC
From: Jim Robson
Topic: 5593 Message: 5595

Hello, Lou--this morning I was given a S5/9 in to Connecticut to a
Yaesu mobile, 10W. This afternoon I received a S4/2 in to Michigan;
said he had a 1000W but we were in his noise band. Thoughts?

On 10/02/12 6:33 PM, Louis Vermond wrote:
>
> Describe "erratic" in this case, Jim. How so?
> Lou
>
> ----- Original Message -----
> *From:* Jim Robson <mailto:nc101x@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2012-02-10 7:04 PM
> *Subject:* [AWA Group] antenna question
>
> AWAGroup friends--antenna question:
>
> I have a gratefully borrowed Kenwood 520SE with an end-fed antenna on
> the air. I have been achieving very erratic SSB signal reports on
> 40M,
> lately. I believe the 520 is a reliable radio and so suspect my
> end-fed
> antenna. I note that the SFI is not favourable. Just the same, most
> comments on-air have included reference to a center fed dipole or
> inverted vee.
>
> I would be most grateful for any comment on an appropriate and
> effective
> antenna and ground or counterpoise for HF.
>
> So, question: what is the best antenna for HF?
>
> 73,
> Jim/VE3BHK
>
>

5596. Re: [AWA Group] antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 00:10:37 UTC
From: ve7sl@shaw.ca
Topic: 5593 Message: 5596

Hi Jim...in all probability, unless you are using some form of antenna-tuner between your end-fed and the tx, you are probably experiencing some form of high SWR and / or some RF reflected power because of an improper match. This can give you little 'RF' bites when you touch the mike or key as well as distort your transmitted SSB signal because of the RF getting back into sensitive transmitter circuitry.To run your present system you will need to connect to a good RF ground (maybe a wire counterpoise) as well as be sure the antenna is matched to the tx with the help of a tuner.
An easier way to go, if you wish to keep it simple, is with a half-wave dipole, fed with 50 ohm coaxial cable. This antenna will require no tuner but may neeed a little pruning of the ends initially. This would be a single-band antenna for the most part. Depending on what your operational requirements are, as well as the size of your wallet, antenna systems can get fairly complex.....dipoles are simple and effective.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5597. Re: [AWA Group] antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 00:15:28 UTC
From: ve7sl@shaw.ca
Topic: 5593 Message: 5597

> Hello, Lou--this morning I was given a S5/9 in to Connecticut to a
> Yaesu mobile, 10W. This afternoon I received a S4/2 in to Michigan;
> said he had a 1000W but we were in his noise band. Thoughts?

nothing 'erratic' about this Jim...don't expect to receive 5/9 reports from everyone...it's part of the magic of radio as propagation varies from minute-to-minute and day-to-day. Also...everyone 'hears' signals a little differently...maybe the Michigan station had a very high noise level at his end, even though your signal was fine.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5598. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 00:59:25 UTC
From: Don Dulmage
Topic: 5342 Message: 5598

OK, this is not going to be easy for me. I do have another 6ag7 So I set it out with my prebuild parts box. I also have that PA tank circuit complete from a Collins HF set. I think it will be a serious effort for me. It will probably be worthwhile though. I will learn for sure. So solid screen supply and stay on the negative side of the cathode with the grid , always. I have available as high as 600 volts Plate supply.
Don

5599. Re: [AWA Group] antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 08:38:16 UTC
From: Jim Robson
Topic: 5593 Message: 5599

Thanks for this, Steve. Outside of 160-40M, I have little interest, and the feedback for these bands favours a dipole. Again, thanks; I am back on the roof when the weather gets better....

73,
Jim/VE3BHK

On 10/02/12 7:10 PM, ve7sl@... wrote:
>
> Hi Jim...in all probability, unless you are using some form of
> antenna-tuner
> between your end-fed and the tx, you are probably experiencing some
> form of
> high SWR and / or some RF reflected power because of an improper
> match. This
> can give you little 'RF' bites when you touch the mike or key as well as
> distort your transmitted SSB signal because of the RF getting back into
> sensitive transmitter circuitry.To run your present system you will
> need to
> connect to a good RF ground (maybe a wire counterpoise) as well as be
> sure
> the antenna is matched to the tx with the help of a tuner.
> An easier way to go, if you wish to keep it simple, is with a half-wave
> dipole, fed with 50 ohm coaxial cable. This antenna will require no tuner
> but may neeed a little pruning of the ends initially. This would be a
> single-band antenna for the most part. Depending on what your operational
> requirements are, as well as the size of your wallet, antenna systems can
> get fairly complex.....dipoles are simple and effective.
>
> Steve
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>

5600. VRY FB

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 14:06:57 UTC
From: Louis Vermond
Topic: 5600 Message: 5600
Attachments: 1 described; binary payloads are missing from this source WARC

Now that's an OT Station!
Tlks Bob...

5601. Re: antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 15:15:52 UTC
From: Don Dulmage
Topic: 5593 Message: 5601

With a j kenwood if you are geting bad sig reports of irratic operation you have Rf in rthe shack. Usually a bad connection in your feedline or a bum antenna. it will go away instantly when you find and fix it. For me best most productive antenna for qso , (neverfails on SSB for a QSO) is an inc verted L on 80 or 40. Can be put up in an hour. or a 20M I use a CTC vertical(made from Canadian tire 3/4 inch copper pipe with a soup can lid at the approx 16 foot mark and a used 90s automotive style car antenna bolted on to copmlete the length. I use on all 3 antennas a 2 foot rod 1/4 or 5/16 steel driven straight into the ground directly nder the vertical section of the antenna. length is straigth from the book. for 1/4 wave verticals. The twenty meter one is sitting right in front of me as it is supported by a flowering crab apple tree. While you triple stacked full KW double yoked folks are snickering behind your coffee cups I am the guy who beats you on the pile ups running a TS830S barefoot. I have talked all around the world on this antenna. South Africa. Russia. Caribean, Japan, South America almost to the cape. It is how I like stuff . Inexpensive and it works. Worst report was South Africa.S3, most are 7s to 9+s. I used to have a cushcraft here, an A3. it had done a great job at my former QTH up the road but it would not git er done here. The inverted Ls and the vertical have restored my ham radio hobby here anyway. I think there is a pic of the vertical on QRZ .com under my call. You could buld it this morning and be on the air this afternoon. No ladder, no ropes, I soldered a piece of coax braid to the ground element and also to the copper radiator using a small propne torch and plumbers solder. I put gator clips on my coax ends and just clipped it on braid to ground, centre conductor to radiator.(So I can unhook and move the coax when I mow the lawn. never had a problem. If you need exact figures email but it is all in the ARRL handbook. The vertical especially covers a large section of its band very nicely and is quite broad. larger pipe would be even broader but this is as close to perfect as i need. I never go beyond the SCTV guys . (AKA FAX machines)
Don VE3LYX

5602. SWR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 15:51:00 UTC
From: Louis Vermond
Topic: 5602 Message: 5602

I have a Kenwood TS-530S using a pair of 6146s. What is the maximum acceptable SWR with rigs of this type? I do not have the manual...

Tks, Lou

5603. Re: [AWA Group] SWR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 17:04:18 UTC
From: Jim Robson
Topic: 5602 Message: 5603

Hi, Lou--I have done quite a bit of reading about SWR and antenna design complementing transmitter design: 2 is generally given as the maximum acceptable; 1 to 0 is ideal. Opinions may vary.... 73, Jim.

On 11/02/12 10:51 AM, Louis Vermond wrote:
>
> I have a Kenwood TS-530S using a pair of 6146s. What is the maximum
> acceptable SWR with rigs of this type? I do not have the manual...
> Tks, Lou
>

5604. Re: [AWA Group] SWR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 17:08:21 UTC
From: Jim Robson
Topic: 5602 Message: 5604

By the way, here is a link to the manual, fyi: http://www.n6wk.com/kenwood/

On 11/02/12 10:51 AM, Louis Vermond wrote:
>
> I have a Kenwood TS-530S using a pair of 6146s. What is the maximum
> acceptable SWR with rigs of this type? I do not have the manual...
> Tks, Lou
>

5605. Re: [AWA Group] SWR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 18:23:10 UTC
From: Jim Robson
Topic: 5602 Message: 5605

Correction: 2:1 is generally given as the maximum acceptable; 1:1 is ideal. Jim.

On 11/02/12 12:04 PM, Jim Robson wrote:
>
> Hi, Lou--I have done quite a bit of reading about SWR and antenna
> design complementing transmitter design: 2 is generally given as the
> maximum acceptable; 1 to 0 is ideal. Opinions may vary.... 73, Jim.
>
> On 11/02/12 10:51 AM, Louis Vermond wrote:
>
>> I have a Kenwood TS-530S using a pair of 6146s. What is the maximum
>> acceptable SWR with rigs of this type? I do not have the manual...
>> Tks, Lou
>

5606. Re: [AWA Group] SWR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 17:35:53 UTC
From: Eddy Swynar
Topic: 5602 Message: 5606

>> On 11/02/12 10:51 AM, Louis Vermond wrote:
>>
>>>
>>> I have a Kenwood TS-530S using a pair of 6146s. What is the maximum acceptable SWR with rigs of this type? I do not have the manual...
>>>

Hi Lou,

Try Googling around for a downloadable copy of the manual for that rig...maybe the BAMA site...?

Being as that TS-530S has tube-type finals, it won't shut down automatically to protect the final PA stage like solid state stuff does...for that reason, I would *think* that anything reasonable would be acceptable for those jugs, but I wouldn't go to extremes!

~73~ de Eddy VE3CUI - VE3XZ

5607. K8HRO -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 18:08:30 UTC
From: Mike Feher
Topic: 5607 Message: 5607

Please welcome Randy, K8HRO to the growing group. He is our 86th member. As an interesting point, last week was the group's 2 year anniversary. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5608. Re: [AWA Group] K8HRO -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 18:16:59 UTC
From: Louis Vermond
Topic: 5607 Message: 5608

Now isn't that call!

Welcome, Randy. 73, Lou VE3AWA

2 years already, we must be having fun....

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2012-02-11 1:08 PM
Subject: [AWA Group] K8HRO -

Please welcome Randy, K8HRO to the growing group. He is our 86th member. As an interesting point, last week was the group's 2 year anniversary. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5609. Feedline question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-11 18:56:07 UTC
From: Robert Jenkins
Topic: 5609 Message: 5609

Hello all,

Some time back I saw in an 1920-30s publication, the mention of twisted pair for a feedline for HF. There was not a lot of detail, and google has not turned up any useful info.

My question is:

can this work with insulated 12 ga. stranded wire.

Thank you,

Robert
KG4KGL

5610. Re: [AWA Group] antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-12 02:58:55 UTC
From: Jim Robson
Topic: 5593 Message: 5610

Thanks for the reminder, Steve. Just received a 5/9 from South Dakota.
A VE3 followed me and also received a 5/9. I think we VE3s would have
given each other a 5/3.

73,
Jim/VE3BHK

On 10/02/12 7:15 PM, ve7sl@... wrote:
>
>
> > Hello, Lou--this morning I was given a S5/9 in to Connecticut to a
> > Yaesu mobile, 10W. This afternoon I received a S4/2 in to Michigan;
> > said he had a 1000W but we were in his noise band. Thoughts?
>
> nothing 'erratic' about this Jim...don't expect to receive 5/9 reports
> from
> everyone...it's part of the magic of radio as propagation varies from
> minute-to-minute and day-to-day. Also...everyone 'hears' signals a little
> differently...maybe the Michigan station had a very high noise level
> at his
> end, even though your signal was fine.
>
> Steve
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>

5611. antenna question & VE3BHK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-12 02:43:11 UTC
From: Louis Vermond
Topic: 5611 Message: 5611

Jim & All,

Thank you for the comments on my SWR question.

I found the user manual on the net. It is recommended that the SWR for the 530 not exceed 2:1.

My antenna is a 80 mttr dipole fed with 50 ohm coax. A few minutes ago, bypassing the antenna tuner, I located the resonate point at 3563.5. Not big news to me...

Wondering how wide the "acceptable SWR window" might be I found:

3510 / SWR was 1:45

3600 / 1:3

Dusty, put up dipoles.

GN, Lou
VE3AWA

5612. Re: [AWA Group] Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-12 12:56:28 UTC
From: ne1s@securespeed.us
Topic: 5342 Message: 5612

> OK, this is not going to be easy for me. I do have another 6ag7 So I set
> it out with my prebuild parts box. I also have that PA tank circuit
> complete from a Collins HF set. I think it will be a serious effort for
> me. It will probably be worthwhile though. I will learn for sure. So
> solid screen supply and stay on the negative side of the cathode with the
> grid , always. I have available as high as 600 volts Plate supply.
> Don

Hi Don,

Yep - that's the gist of it.

I have a schematic with values for a 6DQ5 linear output stage used in an old Gonset GSB-100 SSB transmitter. I believe the 6CD6 characteristics are similar enough so that you could use that design verbatim. I'll Email it to you sometime within the next week (been super-busy lately).

73,
-Larry/NE1S

5613. Re: [AWA Group] Feedline question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-12 17:26:41 UTC
From: ne1s@securespeed.us
Topic: 5609 Message: 5613

> Hello all,
>
> Some time back I saw in an 1920-30s publication, the mention of twisted
> pair for a feedline for HF. There was not a lot of detail, and google has
> not turned up any useful info.
>
> My question is:
>
> can this work with insulated 12 ga. stranded wire.

Sure, but I'd spring for some 450-ohm "window-line," the stuff with the 14 ga. conductors, which is the largest it cones with. The dielectric is probably less lossy. It's not that pricey.

I use the W7FG ladder line, but I don't know if it's still available since W7FG went SK.

73,
-Larry/NE1S

5614. Re: [AWA Group] Feedline question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-12 17:42:08 UTC
From: Louis Vermond
Topic: 5609 Message: 5614

Robert,

As I recall, "Twisted Pair" was recommended for receiving antennas. 12ga.? Why not....

Pse let us know the results.

73, Lou
VE3AWA

----- Original Message -----
From: Robert Jenkins
To: AWAGroup@yahoogroups.com
Sent: 2012-02-11 1:56 PM
Subject: [AWA Group] Feedline question

Hello all,

Some time back I saw in an 1920-30s publication, the mention of twisted pair for a feedline for HF. There was not a lot of detail, and google has not turned up any useful info.

My question is:

can this work with insulated 12 ga. stranded wire.

Thank you,

Robert
KG4KGL

5615. Re: [AWA Group] SWR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-12 17:43:34 UTC
From: Louis Vermond
Topic: 5602 Message: 5615

would *think* that anything reasonable would be acceptable for those jugs, but I wouldn't go to extremes! Heavens forbid, Eddy!

5616. Re: [AWA Group] Feedline question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-12 18:57:14 UTC
From: Jim Robson
Topic: 5609 Message: 5616

Fellas,

Timely question. I have been doing a lot of review about my end-fed versus center fed dipole. Went through my library and was reading about twisted-pair feed system just this morning. From the Philco Training Manual on Antennas, 1956,:

"This feed system is easy to install and has a low r-f potential due to its low impedance, but it is the least desireable of nonresonant feed system from an efficiency standpoint.

Ordinary lamp cord or field telephone wire can be used. One type of twisted-pair line, the EO-1 cable, is fairly satisfactory at the lower frequencies. Since the Zo of a twisted-pair feeder approximates 70 ohms, it may be used to feed the center of a half-wave antenna. In some cases it may be necessary to "fan" the connection to obtain a proper match. If the twisted-pair line is not weather-proofed, it is practically useless for damp-weather conditions and should be used only for emergencies."

Hope this is of some interest,
73,
Jim/VE3BHK

On 12/02/12 12:26 PM, ne1s@... wrote:
>
> > Hello all,
> >
> > Some time back I saw in an 1920-30s publication, the mention of twisted
> > pair for a feedline for HF. There was not a lot of detail, and
> google has
> > not turned up any useful info.
> >
> > My question is:
> >
> > can this work with insulated 12 ga. stranded wire.
>
> Sure, but I'd spring for some 450-ohm "window-line," the stuff with the 14
> ga. conductors, which is the largest it cones with. The dielectric is
> probably less lossy. It's not that pricey.
>
> I use the W7FG ladder line, but I don't know if it's still available since
> W7FG went SK.
>
> 73,
> -Larry/NE1S

>
>

5617. Ooooh, NaAld

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-12 18:58:57 UTC
From: Louis Vermond
Topic: 5617 Message: 5617
Attachments: 1 described; binary payloads are missing from this source WARC

Last night tuned up my Way-Back machine. Room for two more....

5618. 1920s QSTs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-12 19:37:44 UTC
From: Eddy Swynar
Topic: 5618 Message: 5618

Hi Lou Et Al,

There's a whole MESS of QSTs from the Roaring 20's up for grabs right now on eBay---even one fellow that has every issue from 1923 to 1973 (I believe) in boxes, but for personal pick-up only...in Texas! (sigh).

Best bid so far...? ONE BUCK!!!

Go on the eBay search engine & type in "QST 192*" & be amazed...

~73~ de Eddy VE3CUI - VE3XZ

5619. Re: [AWA Group] Ooooh, NaAld

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-12 20:24:17 UTC
From: Roger Kuchera
Topic: 5617 Message: 5619

This is an "unsolicited" ad?? Just a trifle obvious. Still good so see how it was back in the
day.

Roger.

--- On Sun, 2/12/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] Ooooh, NaAld
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Sunday, February 12, 2012, 1:58 PM

Last night tuned up my Way-Back machine. Room for two more....

5620. Re: [AWA Group] 1920s QSTs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-12 22:07:57 UTC
From: Louis Vermond
Topic: 5618 Message: 5620

Happy bidding, Eddy! Lou

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-02-12 2:37 PM
Subject: [AWA Group] 1920s QSTs

Hi Lou Et Al,

There's a whole MESS of QSTs from the Roaring 20's up for grabs right now on eBay---even one fellow that has every issue from 1923 to 1973 (I believe) in boxes, but for personal pick-up only...in Texas! (sigh).

Best bid so far...? ONE BUCK!!!

Go on the eBay search engine & type in "QST 192*" & be amazed...

~73~ de Eddy VE3CUI - VE3XZ

5621. Re: [AWA Group] 1920s QSTs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-13 13:02:37 UTC
From: Eddy Swynar
Topic: 5618 Message: 5621

On 2012-02-12, at 5:07 PM, Louis Vermond wrote:

>
> Happy bidding, Eddy! Lou
>

Hi Lou,

I already have every issue from the 20's---just need a dozen, or so, from the teen years here (which I strongly doubt that I'll ever get---they're worth their weight in gold anymore, it seems).

~73~ de Eddy VE3CUI - VE3XZ

5622. Re: [AWA Group] 1920s QSTs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-13 14:19:37 UTC
From: Louis Vermond
Topic: 5618 Message: 5622

I already have every issue from the 20's--- Grrrrrrrr

Pse tell us ur QST collecting story, Eddy.

Lou

5623. Re: [AWA Group] 1920s QSTs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-13 16:28:20 UTC
From: Eddy Swynar
Topic: 5618 Message: 5623

On 2012-02-13, at 9:19 AM, Louis Vermond wrote:

>
> Pse tell us ur QST collecting story, Eddy.
>

Hi Lou,

Well, I was EXTREMELY fortunate here re. my collection of QSTs...

In 1971-74, I was a student at The University of Western Ontario, in London, Ontario. The Reference Department of the D.B. Weldon Library there had an assortment of QST magazines from the 1920s & 1930s that were apparently bequeathed to the school by the family of deceased VE3XN, a prominent & early radio Amateur in the London area, and one of the first government radio inspectors there, back-in-the-day. I used to sign them out & leaf through them, though having only been licensed since 1971 myself, I hardly had an appreciation of what I was looking at...

Fast-forward to the early 90s, when the Old Tyme radio bug bit me---and hard. I wrote a letter to the librarian at Western offering their entire collection of QSTs a good home to one of their alumni, if ever the time came that they might wish to dispose of the collection: to my complete & utter delight, the library wrote back saying, in essence, "...Come & get 'em!" I wasted no time in driving there for the appointed date & time, & left with several large boxes of sheer, unadulterated treasure.

There were missing issues in the collection, of course, which I eventually filled through eBay, ads in the OTB, and "Playthings of Past"...but I find it increasingly difficult to fill gaps that I have in the teen years, prior to WW1. I have bound print-outs of missing issues which I made from the ARRL QST CDs, but it is just not the same as having the original in your hands...

What I find especially fascinating are the hand-written notes scribbled in the margins of some of the copies that I have, detailing what the owner actually heard on the occasion of the different Trans-Atllantic Tests! That sorta stuff will NEVER be found on a CD, & is priceless to me...

~73!~ de Eddy VE3CUI - VE3XZ

>

5624. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-13 17:47:00 UTC
From: Don Dulmage
Topic: 5342 Message: 5624

Thanks Larry. That interests me.
Don Ve3LYX

5625. new intro

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-13 20:22:13 UTC
From: barry whittemore
Topic: 5625 Message: 5625

Hi, I just joined the group as i was told this was the builders group.
My name is Barry and i live in NH.
I am interested in building a 1929 style transmitter such as a TNT or hartley for 80 or 40 meters.
I have built a type 80 power supply so next will be the Transmitter.
Thanks
Barry
NF1O

5626. Re: new intro

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-13 20:37:02 UTC
From: cwopr@embarqmail.com
Topic: 5625 Message: 5626

Hi Barry,
Welcome to the group. It's great to have another '29er on here and we look forward to your experiences building 1929 gear. Feel free to ask any questions and join in the discussions. There are a lot of experienced builders/technicians in this group and assistance is close at hand. Please keep us posted on any of your projects...
73 de Bill K4JYS

--- In AWAGroup@yahoogroups.com, barry whittemore <wb1edi@...> wrote:
>
>
> Hi, I just joined the group as i was told this was the builders group.
> My name is Barry and i live in NH.
> I am interested in building a 1929 style transmitter such as a TNT or hartley for 80 or 40 meters.
> I have built a type 80 power supply so next will be the Transmitter.
> Thanks
> Barry
> NF1O
>

5627. RE: [AWA Group] Re: new intro

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-13 21:32:39 UTC
From: barry whittemore
Topic: 5625 Message: 5627

Thanks for the welcome, I dont think it will replace my Elecraft K3 as my primary radio but it will be fun to try.
73
barry
NF1O

To: AWAGroup@yahoogroups.com
From: cwopr@...
Date: Mon, 13 Feb 2012 20:37:02 +0000
Subject: [AWA Group] Re: new intro

Hi Barry,

Welcome to the group. It's great to have another '29er on here and we look forward to your experiences building 1929 gear. Feel free to ask any questions and join in the discussions. There are a lot of experienced builders/technicians in this group and assistance is close at hand. Please keep us posted on any of your projects...

73 de Bill K4JYS

--- In AWAGroup@yahoogroups.com, barry whittemore <wb1edi@...> wrote:

>

>

> Hi, I just joined the group as i was told this was the builders group.

> My name is Barry and i live in NH.

> I am interested in building a 1929 style transmitter such as a TNT or hartley for 80 or 40 meters.

> I have built a type 80 power supply so next will be the Transmitter.

> Thanks

> Barry

> NF1O

>

5628. Re: [AWA Group] new intro

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-13 21:41:17 UTC
From: Louis Vermond
Topic: 5625 Message: 5628
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Barry & welcome.

Wow, built the power supply first!

73, Lou
VE3AWA

5629. Re: new intro

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 13:55:42 UTC
From: Terry Hall
Topic: 5625 Message: 5629

Hello Barry and welcome to the group. I built a '29 Hartley and a power supply with a lot of help from the fine folks in this group. Terry KE5YUM in Oklahoma

--- In AWAGroup@yahoogroups.com, barry whittemore <wb1edi@...> wrote:
>
>
> Hi, I just joined the group as i was told this was the builders group.
> My name is Barry and i live in NH.
> I am interested in building a 1929 style transmitter such as a TNT or hartley for 80 or 40 meters.
> I have built a type 80 power supply so next will be the Transmitter.
> Thanks
> Barry
> NF1O
>

5630. Slatboard TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 16:13:42 UTC
From: Doug Forbes
Topic: 5420 Message: 5630

A while back Bill NT9K mentioned an article in CQ improving the slatboard TX.

It's available here:

http://www.canyons.edu/departments/comp_sci/forbes/Slatboard%20TX.pdf

Doug WA6VYN

5631. 1920s QSTs & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 19:03:36 UTC
From: Louis Vermond
Topic: 5631 Message: 5631

Thank you, Eddy.

When I asked you the question I expected that your experience would be larger than life. I was right!

Here, a more common story of accusation. In 1971, a friend of a friend died leaving behind his QSTs dating from 1922 through the '60s. I phoned the person handling the estate selling with my offer to buy. "I'm sorry, but I've already sold a lot of them. Only have 1922 through '45 left. " Ah gee-whiz... Bought them anyway.

CDs ... not the same as having the original in your hands... You've got it, Eddy!

73, Lou
VE3AWA

5632. Feedline question..SPAM?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 19:18:13 UTC
From: Louis Vermond
Topic: 5632 Message: 5632

This was a long time coming. Was it considered Spam? Lou

Robert,

As I recall, "Twisted Pair" was recommended for receiving antennas. 12ga.? Why not....

Pse let us know the results.

73, Lou
VE3AWA

----- Original Message -----
From: Robert Jenkins
To: AWAGroup@yahoogroups.com
Sent: 2012-02-11 1:56 PM
Subject: [AWA Group] Feedline question

Hello all,

Some time back I saw in an 1920-30s publication, the mention of twisted pair for a feedline for HF. There was not a lot of detail, and google has not turned up any useful info.

My question is:

can this work with insulated 12 ga. stranded wire.

Thank you,

Robert
KG4KGL

5633. RE: [AWA Group] 1920s QSTs & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 19:25:20 UTC
From: Mike Feher
Topic: 5631 Message: 5633

Just in case - if anyone needs a scan of an article from QST, I have every original issue from December 1915. I also have a copy of the October 1915 issue that was never published. I also have tons of excellent duplicates from the 20's, and, some from the teens. If anyone is interested in an original December 1915 issue, I have a spare. Since only 600 of those were printed, they are scarce. In my opinion, the second scarcest issue is May 1916. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, February 14, 2012 2:04 PM
To: AWAGroup
Subject: [AWA Group] 1920s QSTs & Eddy

Thank you, Eddy.

When I asked you the question I expected that your experience would be larger than life. I was right!

Here, a more common story of accusation. In 1971, a friend of a friend died leaving behind his QSTs dating from 1922 through the '60s. I phoned the person handling the estate selling with my offer to buy. "I'm sorry, but I've already sold a lot of them. Only have 1922 through '45 left. " Ah gee-whiz... Bought them anyway.

CDs ... not the same as having the original in your hands... You've got it, Eddy!

73, Lou

VE3AWA

5634. Re: [AWA Group] 1920s QSTs & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 19:36:47 UTC
From: Louis Vermond
Topic: 5631 Message: 5634

I also have a copy of the October 1915 issue that was never published. More on this please.

If anyone is interested in an original December 1915 issue... Would a right arm cover it?

Lou

5635. RE: [AWA Group] 1920s QSTs & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 19:47:15 UTC
From: Mike Feher
Topic: 5631 Message: 5635

I also have a copy of the October 1915 issue that was never published. More on this please.

It is essentially the same as the December 1915 issue. There is only one in existence. I believe the story goes that they did not have the funds to go through with it till December.

If anyone is interested in an original December 1915 issue... Would a right arm cover it?

Depending on whose, and, if it was still functional J. For many years, the average price for the December issue was around $500. Trades of course are always considered.

73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, February 14, 2012 2:37 PM
To: AWAGroup
Subject: Re: [AWA Group] 1920s QSTs & Eddy

I also have a copy of the October 1915 issue that was never published. More on this please.

If anyone is interested in an original December 1915 issue... Would a right arm cover it?

Lou

5636. Re: [AWA Group] 1920s QSTs & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 19:56:28 UTC
From: Louis Vermond
Topic: 5631 Message: 5636

It is essentially the same as the December 1915 issue. There is only one in existence. I believe the story goes that they did not have the funds to go through with it till December. This gets more interesting as we go. So, Mike, do you know the train of ownership and how did you get it?

Depending on whose, and, if it was still functional J. Cleaver Mike...

$500? Oh well...

Lou

5637. RE: [AWA Group] 1920s QSTs & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 20:12:15 UTC
From: Mike Feher
Topic: 5631 Message: 5637

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, February 14, 2012 2:56 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 1920s QSTs & Eddy

It is essentially the same as the December 1915 issue. There is only one in existence. I believe the story goes that they did not have the funds to go through with it till December. This gets more interesting as we go. So, Mike, do you know the train of ownership and how did you get it?

Well, I doubt if it is a secret, but, Brother Dowd got it from the RCA archives. From Pat it went to Jerry Vanicek, and, my photocopy came from Vanicek.

Depending on whose, and, if it was still functional J. Cleaver Mike... Cleaver?????

$500? Oh well... Well, imagine what a whole set plus the duplicates cost me. Actually, I had several complete sets over the years. The first one helped to pay for the down payment of my first house in 1976 courtesy of Neil Freidman, N3DF.

73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

_·_,_·___

5638. Re: [AWA Group] 1920s QSTs & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 20:45:40 UTC
From: Louis Vermond
Topic: 5631 Message: 5638

Well, I doubt if it is a secret, but, Brother Dowd got it from the RCA archives. From Pat it went to Jerry Vanicek, and, my photocopy came from Vanicek. Thank you, Mike

Depending on whose, and, if it was still functional J. Cleaver Mike... Cleaver????? As in funny.

$500? Oh well... Well, imagine what a whole set plus the duplicates cost me. Yes, I know. That's why the, Oh well.

An enjoyable thread...

73, Lou

5639. Re: [AWA Group] 1920s QSTs & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 21:54:05 UTC
From: ne1s@securespeed.us
Topic: 5631 Message: 5639

> Cleaver????? As in funny.
>

Lou, I think you mean "clever," as in witty.

A cleaver is a kind of knife - as in meat cleaver.

Yours in proper abuse of the language,
-Larry/NE1S

5640. Re: [AWA Group] 1920s QSTs & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-14 22:18:01 UTC
From: Louis Vermond
Topic: 5631 Message: 5640

Ah....

----- Original Message -----
From: ne1s@...
To: AWAGroup@yahoogroups.com
Sent: 2012-02-14 4:54 PM
Subject: Re: [AWA Group] 1920s QSTs & Eddy

> Cleaver????? As in funny.
>

Lou, I think you mean "clever," as in witty.

A cleaver is a kind of knife - as in meat cleaver.

Yours in proper abuse of the language,
-Larry/NE1S

5641. RE: [AWA Group] 1920s QSTs & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-15 00:11:45 UTC
From: Mike Feher
Topic: 5631 Message: 5641

I thought by "cleaver" he meant the item to chop off his right arm with J.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ne1s@...
Sent: Tuesday, February 14, 2012 4:54 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 1920s QSTs & Eddy

> Cleaver????? As in funny.
>

Lou, I think you mean "clever," as in witty.

A cleaver is a kind of knife - as in meat cleaver.

Yours in proper abuse of the language,
-Larry/NE1S

5642. RE: [AWA Group] 1920s QSTs & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-15 00:14:53 UTC
From: Roger Kuchera
Topic: 5631 Message: 5642

What no "ou" substitution?

--- On Tue, 2/14/12, Mike Feher <n4fs@...m> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [AWA Group] 1920s QSTs & Eddy
To: AWAGroup@yahoogroups.com
Date: Tuesday, February 14, 2012, 7:11 PM

I thought by “cleaver” he meant the item to chop off his right arm with J. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ne1s@securespeed.us
Sent: Tuesday, February 14, 2012 4:54 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 1920s QSTs & Eddy

> Cleaver????? As in funny.
>

Lou, I think you mean "clever," as in witty.

A cleaver ! is a kind of knife - as in meat cleaver.

Yours in proper abuse of the language,
-Larry/NE1S

5643. Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-15 00:51:06 UTC
From: Don
Topic: 5643 Message: 5643

Since I built the 4 tube am transceiver i have not been happy with its Rf output. I played with add on linears etc but I know something isnt right. You see i have used the 50L6 before. I have a bare essentials tx rock bound that uses the same tube. Much of the circuit is the same except or screen modulation but that is bypassed so to speak when screen voltage is turned up anyway so it means nothing at that point the rig now being essential a CW tx. I began by measuring and comparing voltages. The rock bound rig is on a voltage doubler and sees 208 B+ key down. It has lots of power. (this is the rig I used to talk to Lou and I was heard on the east coast as well even the night Lou missed hearing due to conditions. I have worked NC with the rig as well with good signal reports. So what is the difference? The Bare essentials rig will make a 60 watt light bulb about 1/2 lit . The tranceiver wont even make a 11 watt glow. So I began measuring voltages and comparing. The rock bound CW rig has 208v as I said key down on the plate. The transceiver after today has 228v in the same mode. (Full screen voltage (97v) Speaking of screens the rockbound has 91 volts on the screen key down. the tranceiver has 97 Both have a 100 k control grid bias resistor and while I dont remember the grid voltage exactly there was less then a volt difference. (-5.2 and -5.6 rock and trncver if memory serves me.) Both free B+ voltage is in the 320 range and drops to the 220 range immediatley on key down or osc feed. (Rock bound key down. transcvr basically just turns on the B+ to the osc which starts all the action.) There is no particular difference in outputs both being classic RF choke feeding plate through the tank cicuit with the antenna link coupled from the tank. Same Link style used for each but I have tried several variations on the transcvr but to no avail (just in case.) Why does the tube labor if it is doing nothing? If nothing was going on the voltage should not drop when a signal is fed to the contro; grid fropm the osc so I know something is happening. I can also hear it on the montor rx . I wonder things like is a outboard osc that much less efficient then a crystal power osc. One would think a Mopa would be able to hold it own against a power osc when both rigs have the same output tube and voltages. I tried many things today. During one jury rigged deal i got a bit mre but nothing like it should have. Something is wrong here and i am going to find out what. I suspect the osc is sending power elswhere beside the PA grid and tomorrow will whip up an RFC to insure it isnt so This thing has me stumped right now . Any ideas? I know this tubes may not be well favoured but with two rigs side by side I would expect them to perform somewhat similar. If i didnt have one working so well I guess it wouldnt bother me so much but it simply does not make sense to me anyway. Frustrated in Ameliasburgh
Don VE3LYX

5644. Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-15 17:12:14 UTC
From: Don
Topic: 5643 Message: 5644

Today met with some success. The original circuit I based the osc on had a resitor in the osc plate circuit. I noticed bypassing this to rais plate voltage caused the osc to stop. I surmised that the resistor was actally acting as a Rf choke to some extent isolating the osc plate from the supply,sort of otherwise it shouldnt stop. So I whipped a real one up this morning and clipped the resistor out and soldered the RFC in. Instant improvement Quite a bit too. Rig now has enuf suds to drive my parallel 6L6 linear I built (which works very smoothly thank you) Not enuf to get huge power but enuf to multipy the output by almost 10.
I am going to explore other areas where there may be RF going where it doesnt need to. I am thinking there is still more to be had. HOWEVER I did score a DX60B last night on ebay. That doesnt mean the end of building. Just a back up rig and one to look at to see how it should be done.
> Don VE3LYX
>

5645. Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-15 21:42:56 UTC
From: Don
Topic: 5643 Message: 5645

--- In AWAGroup@yahoogroups.com, "Don" <big-d@...> wrote:
>
>This afternoon I whipped up another RF choke and installed it in the screen supply between the screen pot (AKA modulation control and the screen pin on the tube socket.)Now the screen supply is independant of the plate supply on the final in this rig. INSTANT success. Output is more than double what it was before lunch . it has enuf suds to easil drive the parrallel 6l6 amp direct. (I realize it will be better with a driver between but if you recal it would not drive it at all last week and all I have done is some rf bypassing and choking it is to me significant. An RFC takes about 5 minutes to make. Sometimes the benifits are huge. I am feeling more ike it is running like it should now. I still have a couple of areas to check u out. I may try coupling the osc to the final's grid a bit more . A couple of otherthings ned a tweak but I am feeling a lot better about it now then before. The dual 6l6 amp too is making me smile . It is a joy to run. 1920s prts with 1930s tubes. iguess i could have built a similar one with a pair of 45s .
Don VE3LYX
> > Don VE3LYX
> >
>

5646. Re: [AWA Group] Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-16 01:39:49 UTC
From: ne1s@securespeed.us
Topic: 5643 Message: 5646

>> The dual 6l6 amp too is
>> making me smile . It is a joy to run. 1920s prts with 1930s tubes. iguess
>> i could have built a similar one with a pair of 45s .

You'd have to neutralize it and it would have a lot less gain. But it
would be 1920s.

By the way, I'm now getting 100W PEP SSB out of a pair of 7984s on 160M,
80M and 20M in my souped-up Central Electronics 20A. Not bad for a rig
that originally would do 12W PEP on those bands. Used it to check into the
AWA top-band net (8:00PM on 1945 KHz) Monday nite. Lou was the father of
that net but never checks in :-(

73,
-Larry/NE1S

5647. Bugsys Day

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-16 17:09:42 UTC
From: Louis Vermond
Topic: 5647 Message: 5647
Attachments: 1 described; binary payloads are missing from this source WARC

Parts!!!

5648. Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-16 16:54:36 UTC
From: Don Dulmage
Topic: 5643 Message: 5648

100W! Decent! What improvements did you have to make to get it there? I am no good on top band but 80 40 and 20 I am good for SSB anytime.
I need to study impedance matching more. I notice this rig and the amp are very sensitive to loading. Probably because they have no power to spare. I spent part of last night trying differnt ligt bulbs in my dummy load. The higher the straight resistance the higher power on the meter working into the dummy load. Best bulb I had showed 186 DC resistance. Worst was 18 ohms. I may take the inverted V and replace the RG58 with 300 ohm flat line since I have some here and see what happens. I may also play with the Amp link coupling to see. My inverted L has (if this crude test means anything at all) very low impedance. The Amp or my other vintage rigs dont particularly like it. .The Kenwood does but it had a pi poutput. My other rigs dont although my antenna tuner does.
BTW over in another corm ner of the shack a Colpitts is taking shape. i want to build it perthe schmatic from the 1923 agazine sh omeone showed me last year while I was working on my baby hartley transcevver. Everything and i do mean everything will be vintage 1920s parts. I have a DX235 sitting in it right now that may get to drive a 45 if all goes well.

5649. RCA tube sockets?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-16 23:08:01 UTC
From: Jon
Topic: 5649 Message: 5649

I have purchased a number of RCA black porcelain sockets. The 201 sized ones are model UR-542 and the 203 sized ones are model UT-541. Where these still available in 1929? I am concerned that they might be a bit too old.

5650. Re: [AWA Group] Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-17 00:24:56 UTC
From: ne1s@securespeed.us
Topic: 5643 Message: 5650

> 100W! Decent! What improvements did you have to make to get it there?

Changed out pair of 6AG7 finals to 7984s, increased drive to them by changing the 12BH7 triode cathode follower driver into a grounded-cathode pentode (using the pentode half of a 6GW8), increased plate voltage on finals to 750V for headroom. Sounds easy, but I've been working on it for about 5 weeks now getting it right!

> I am
> no good on top band but 80 40 and 20 I am good for SSB anytime.

We could get on 80M or 40M. (I could do 20M too, but probably not a good choice considering the relatively small distance between us.)

> I need to study impedance matching more. I notice this rig and the amp are
> very sensitive to loading.

All "efficiency-modulated" amplifiers (linears, screen-modulated, grid-modulated, suppressor-modulated) are all quite sensitive to loading. You need to load each one at peak output, and then reduce the AM carrier to the operating point (i.e. if you are running 25W carrier on AM you need to tune-up and load the amp at 100W out). Just like SSB - you need to tune-up at the peak output power.

> Probably because they have no power to spare.

Nope - see above.

> I spent part of last night trying differnt ligt bulbs in my dummy load. The
> higher the straight resistance the higher power on the meter working into
> the dummy load. Best bulb I had showed 186 DC resistance. Worst was 18
> ohms.

Probably a good relative indicator that it likes to load into higher resistances, but keep in mind the resistance of an incandescent bulb is much higher hot than cold.

>I may take the inverted V and replace the RG58 with 300 ohm flat
> line since I have some here and see what happens. I may also play with the
> Amp link coupling to see. My inverted L has (if this crude test means
> anything at all) very low impedance. The Amp or my other vintage rigs dont
> particularly like it. .The Kenwood does but it had a pi poutput. My other
> rigs dont although my antenna tuner does.

That's what tuners are for - use it! If you change to twin-lead and a tuner with balanced output all of a sudden you have a good multi-band antenna system.

> BTW over in another corm ner of the shack a Colpitts is taking shape. i
> want to build it perthe schmatic from the 1923 agazine sh omeone showed me
> last year while I was working on my baby hartley transcevver. Everything
> and i do mean everything will be vintage 1920s parts. I have a DX235
> sitting in it right now that may get to drive a 45 if all goes well.

Probably won't get enough out of a '35 to drive a '45 to full output.
I'd use the '45 in the osc and drive something like a 46. Actually, I have
an article that describes such a rig.

73,
-Larry/NE1S

5651. Re: [AWA Group] RCA tube sockets?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-17 00:59:33 UTC
From: ne1s@securespeed.us
Topic: 5649 Message: 5651

> I have purchased a number of RCA black porcelain sockets. The 201 sized
> ones are model UR-542 and the 203 sized ones are model UT-541. Where
> these still available in 1929? I am concerned that they might be a bit
> too old.
>

If they were available before 1929, they were at least available as old parts in 1929. And they were no doubt less than 10 years old then. If there were serviceable older parts available in 1929, I would think no one would hesitate to use them.

73,
-Larry/NE1S

5652. Re: [AWA Group] RCA tube sockets?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-17 01:00:51 UTC
From: ne1s@securespeed.us
Topic: 5649 Message: 5652

> I have purchased a number of RCA black porcelain sockets. The 201 sized
> ones are model UR-542 and the 203 sized ones are model UT-541. Where
> these still available in 1929? I am concerned that they might be a bit
> too old.
>

If they were available before 1929, they were at least available as old parts in 1929. And they were no doubt less than 10 years old then. If there were serviceable older parts available in 1929, I would think no one would hesitate to use them.

They are gorgeous, BTW.

73,
-Larry/NE1S

5653. Re: [AWA Group] RCA tube sockets?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-17 01:07:19 UTC
From: Louis Vermond
Topic: 5649 Message: 5653

Jon,

They came out along with the UV-202s & '03s so, what?... 1922? Use them!, but not all...

If a UT-541 is available, cash or trade? :0p

Lou

5654. Re: RCA tube sockets?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-17 03:58:08 UTC
From: Jon
Topic: 5649 Message: 5654

Thanks for the input. I guess hams probably used a lot of older parts back then since parts were so expensive. However I still feel it looks slightly better to use parts that were simultaneously available so that is what I did with my first "1929" transmitter.

It occurred to me to check a 1934 RCA tube manual and it recommends UT-541 sockets so they must have been available at least until them. However UR-542 are not mentioned.

Here is a picture of 1928 RCA transmitter and from what I can see it is using black sockets and they are shiny like maybe porcelain:

No spare UT-541 sockets as all 3 will be used in my new transmitter project. Tentative design:

5655. Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-17 12:08:49 UTC
From: Don Dulmage
Topic: 5643 Message: 5655

Anyone have any 3705 or 7120 crystals (for my DX60?)
Don Ve3LYX

5656. Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-17 19:32:23 UTC
From: Don Dulmage
Topic: 5643 Message: 5656

I am good on AM now. I got my boatanchor yesterday and spent last evening and this morning fixing minor problems in the mic circuit. Found two mics here that work with it. I have only one decent rock for 40M 7145 I have a few for 80M , one I can probably move to 3705 (3736)Got some glass and some 1000 grit paper.
Larry I completely understand the took 5 weeks deal. That isnt bad. Sucess is what matters. Thanks for the description.
Don Ve3LYX

5657. Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-18 02:44:34 UTC
From: Don Dulmage
Topic: 5643 Message: 5657

"Probably won't get enough out of a '35 to drive a '45 to full output.
I'd use the '45 in the osc and drive something like a 46. Actually, I have
an article that describes such a rig."
am committed to the 235, it is after all a special Canadian tube. So I will use a 01 to
drive it then. Worked on this rig a bit today.
VE3LYX

5658. Re: [AWA Group] Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-18 13:33:41 UTC
From: ne1s@securespeed.us
Topic: 5643 Message: 5658

> I am good on AM now. I got my boatanchor yesterday and spent last evening
> and this morning fixing minor problems in the mic circuit. Found two mics
> here that work with it.

I forget, DX-35, DX-40, DX-60?

All are screen-modulated rigs with controlled carrier. I made my first AM QSO ever with a DX-40.

> I have only one decent rock for 40M 7145 I have
> a few for 80M , one I can probably move to 3705 (3736)Got some glass and
> some 1000 grit paper.

Wrong direction. Grinding will raise the frequency, not reduce it. You can reduce the frequency a few Kc (at best) by carefully rubbing a pencil or permanent marker on one or both sides, but the activity is reduced, and some may refuse to oscillate after the treatment. If that happens you can get back where you started by cleaning off the material with 91% denatured alcohol.

Bry Carling (AF4K) sells crystals on popular CW and AM frequencies, at what I consider reasonable prices (for today's inflated dollars).

> Larry I completely understand the took 5 weeks deal. That isnt bad. Sucess
> is what matters. Thanks for the description.

Yesterday afternoon I used that rig barefoot at ~90W out on 20M USB to answer a CQ from OE9WPV "Wolfy" in Austria. Solid 5x5 QSO both ways.

I still owe you the schematic/parameters for the 6CD6 stage. I won't forget and will try to get to it soon.

73,
-Larry/NE1S

5659. Fwd: [Boatanchors] FS HP524B Feq Counter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-18 18:03:57 UTC
From: Don Buska - The Radio Lab Works
Topic: 5659 Message: 5659

This (below) came off the BA list. Now wouldn't this be a neat counter for your vintage station! Just connecting it up to some variable low frequency source to watch the neon lamps going up and down would be a gas. Perfect for the home produced mad scientist movies, hi.

BTW, I did own an old Beckman counter, with the same ten neon bulbs per digit style, when I was in high school in the 70's. I forget but I think it had an upper limit of around 1MHz. Lots of tubes and a real bear to keep working, but built like an R390A. Heck we used those same counters in college to measure radioactive decay in the physics labs. Gosh I must be getting old.....

73 - Don N9OO

-------- Original Message --------
Subject: [Boatanchors] FS HP524B Feq Counter
Date: Sat, 18 Feb 2012 09:00:01 -0800 (PST)
From: Mark Foltarz <Foltarz@...>
Reply-To: Mark Foltarz <Foltarz@...>
To: FLBOATANCHORS@yahoogroups.com <FLBOATANCHORS@yahoogroups.com>, boatanchors@... <boatanchors@...>

FS HP 524 B freq counter with several plugins - a true antique and a real boatanchor

http://www.hpmemory.org/wa_pages/wall_a_page_11.htm

$25 pickup in South Tampa

de KA4JVY

Mark

5660. Re: [AWA Group] Fwd: [Boatanchors] FS HP524B Feq Counter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-18 18:10:32 UTC
From: ne1s@securespeed.us
Topic: 5659 Message: 5660

> This (below) came off the BA list. Now wouldn't this be a neat counter
> for your vintage station! Just connecting it up to some variable low
> frequency source to watch the neon lamps going up and down would be a
> gas. Perfect for the home produced mad scientist movies, hi.
>

Too bad it's not close by. I'd be tempted.

> BTW, I did own an old Beckman counter, with the same ten neon bulbs per
> digit style, when I was in high school in the 70's. I forget but I
> think it had an upper limit of around 1MHz. Lots of tubes and a real
> bear to keep working, but built like an R390A. Heck we used those same
> counters in college to measure radioactive decay in the physics labs.
> Gosh I must be getting old.....

I own one of those Beckman units. There was a separate divider unit which would extend the frequency coverage into the HF spectrum - I saw one at Hosstraders (big New England Hamfest) once. I haven't fired mine up for 15 years or so, but it did work then, except one of the digits was out.

73,
-Larry/NE1S

5661. ve7sl Please Contact Me

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-19 01:23:07 UTC
From: whitebear1122@comcast.net
Topic: 5659 Message: 5661

VE7SL, Please contact me regarding your 1929 Log. 73, Scott WA9WFA

5662. List of Bruce Kelly 1929 QSO Party Logs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-19 01:25:58 UTC
From: whitebear1122@comcast.net
Topic: 5659 Message: 5662

Here is the first draft list of 1929 QSO Party Logs that I have received either in the mail or email. Please check and see if your call is on the list. I don't have Steve VE7SL's, did you send it Steve? 73, Scott WA9WFA

W1 KC1FB

K1TMJ

W1ZB

NV1X

W1GIG

W2 WU2D

W2LB

WB2QMY

N2OUV

W2AO

W2CQH

W3 WA3YNW

W3FJJ

W4 K4JYS

N4GJV

W4QBE

K4LJH

W5 K5RB

W7 W7LNG

W8 N8YE

W8KGI

NI8G

K8WEU

WA8DOF

W9 N9OO

WB9WHG

N9OB

W9TFC

N9HAL

WA9QNN

W0 K0HGP

W0VLZ

KI0DB

W0LS

W0CWU

KB0MM

KB0ROB

W0LGU

K0PK

VE3AWA

VX3XZ

5663. UV-872 introduction date?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-19 06:02:28 UTC
From: Jon
Topic: 5663 Message: 5663

One more question on parts dates. What year did the UV-872 come out?
73, Jon AB9ZG

5664. Re: [AWA Group] List of Bruce Kelly 1929 QSO Party Logs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-19 06:06:46 UTC
From: STEVE MCDONALD
Topic: 5659 Message: 5664
Attachments: 2 described; binary payloads are missing from this source WARC

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[ Attachment content not displayed ]
```

5665. Re: 6AG7 circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-19 03:19:15 UTC
From: Don Dulmage
Topic: 5342 Message: 5665

Went back at the mixer tube Am transmitter today. I had it all put together but knew the three stages were tuning the same frequencies.Using a signal generator (tube type of course!) I made a loop and set a recvr nearby and worked away by using the absorbtion technique. Took quite awhlie but all three stages are singing the same tune now. Had to do some paddding on one and put a pair of caps in series on another but we are solidly in the low end of 40M. I fired it up and loaded a light bulb. So far so good. I was kind of surprised to get it working since it is for me a fairly complicated rig. A 6SA7 osc and modulated by a speech amp and modulator (6sl7). The modulated mixer drives a 6ag7 which dirves another 6ag7 which drives a 6l6. The stages tune nicely. Signal is clean and sharpe. I didnt have a mic in the downstairs vintage shack so i wasnt able to check modulation. Tomorrow.
Also had the little transciever going tonite. 56 driving a 42. Kind of a fun rig .
Came up dry with the new boatanchor (DX60B) but there is always tomorrow.
Fun day anyway.
Don Ve3LYX

5666. Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-19 13:24:23 UTC
From: Don Dulmage
Topic: 5643 Message: 5666

It is a DX60B. I was looking at the schematic. Not a whole lot different fromy screen rig, Just better tobes and more power. Really nice shape. has no scratches but two of the smaller knobs are cracked from age I guess.
FB on working Wolfy. Nothing is more fun then running stuff you modified or built.
Ok thinner higher. yeah that makes sense. What was I thinking?! I have several 3680kcs. Those details anytime. I bought a PT15 tube and am going for a suppressor Mod deal next.
Don VE3LYX

5667. Re: Fwd: [Boatanchors] FS HP524B Feq Counter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-19 13:30:45 UTC
From: Don Dulmage
Topic: 5659 Message: 5667

I have a 5245 HP counter here with the tube numbers but I have not figured out how to make it run.
"to measure radioactive decay" (I hope you were using the Dulmage/ Mendelson equasion for radioactive decay)
Don VE3LYX

5668. Re: [AWA Group] Re: Fwd: [Boatanchors] FS HP524B Feq Counter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-19 14:42:01 UTC
From: Don Buska - The Radio Lab Works
Topic: 5659 Message: 5668

In all honesty Don I can't remember if it was "Dulmage/Mendelson" or Fud/Bunny (as in Elmer and Bugs). A long time ago, not used since and subsequently forgotten, hi.

Don N9OO

On 2/19/2012 7:30 AM, Don Dulmage wrote:
> I have a 5245 HP counter here with the tube numbers but I have not
> figured out how to make it run.
> "to measure radioactive decay" (I hope you were using the Dulmage/
> Mendelson equasion for radioactive decay)
> Don VE3LYX
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.1901 / Virus Database: 2112/4817 - Release Date: 02/18/12
>

5669. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-19 16:13:25 UTC
From: Louis Vermond
Topic: 130 Message: 5669

1941 Hallicrafters Ham Radio Product Catalog
http://www.ebay.com/itm/1941-Hallicrafters-Ham-Radio-Product-Catalog-/370585719951?_trksid=p4340.m1374&_trkparms=algo%3DPI.WATCH%26its%3DC%252BS%26itu%3DUCC%26otn%3D15%26ps%3D63%26clkid%3D6441823284432118798

5670. VE7SL BK Log Attn: Scott

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-19 17:11:24 UTC
From: STEVE MCDONALD
Topic: 130 Message: 5670
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

5671. Re: [AWA Group] VE7SL BK Log Attn: Scott

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-19 17:18:58 UTC
From: STEVE MCDONALD
Topic: 130 Message: 5671
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

5672. Re: [AWA Group] List of Bruce Kelly 1929 QSO Party Logs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-20 17:30:27 UTC
From: ne1s@securespeed.us
Topic: 5659 Message: 5672

```
>
>
> Here is the first draft list of 1929 QSO Party Logs that I have received
> either in the mail or email.  Please check and see if your call is on the
> list.   I don't have Steve VE7SL's, did you send it Steve?  73, Scott
> WA9WFA
>
```

You left me off the list, Scott.

Remember, I had enclosed my log in with the 816s (not a bribe, really!).

73,
-Larry/NE1S

5673. Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-20 23:32:32 UTC
From: Don Dulmage
Topic: 5643 Message: 5673

Did some antenna work today and had a successfull QSO with the AM rig. 10 over 9 sig report. Now I wonder if the antenna was what was really wrong with my other project. Here s what i found and I tell it be cause it could happen to anyone. I have an inverted Vee attached to the side of the house. Somehow the coax connector got in contact with the house and then it grounded one leg. I knew the antenna had gone goofy after a big storm but today was when I found it. I temporairly was able to move the wire away but will make a permanent repair to insure it never happens again. It wasnt immediately obvious. A quick way to check is to use the receiver and check the reception using the coax braid and then the centre conductor on the centre conductor of the recver ,. There should be no difference. There was. So I went looking. 10 over S9 is pretty good report for a low powered tx like this as AM is reduced power (screen modulated) Now back to the vintage homebrew but in the meantime I can have some fun.
Don VE3LYX

5674. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-21 03:09:42 UTC
From: Louis Vermond
Topic: 130 Message: 5674

A Hammond Ham Radio Steel Chassis & Bottom Plate with Character
http://www.ebay.com/itm/330690707262?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1558.l2649

5675. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-21 03:23:09 UTC
From: Don Buska - The Radio Lab Works
Topic: 130 Message: 5675
Attachments: 1 described; binary payloads are missing from this source WARC

*Now who has (or is) the "character" the chassis or the seller?

Don 9OO*

On 2/20/2012 9:09 PM, Louis Vermond wrote:
>
> **
>
>
> A Hammond Ham Radio Steel Chassis & Bottom Plate with Character
>
> http://www.ebay.com/itm/330690707262?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1558.l2649
>
<http://www.ebay.com/itm/330690707262?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1558.l2649>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.1901 / Virus Database: 2113/4821 - Release Date: 02/20/12
>

--

5676. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-21 03:34:15 UTC
From: Louis Vermond
Topic: 130 Message: 5676
Attachments: 1 described; binary payloads are missing from this source WARC

Now who has (or is) the "character" the chassis or the seller?

Seller

5677. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-21 12:21:13 UTC
From: ne1s@securespeed.us
Topic: 130 Message: 5677

```
>
> A Hammond Ham Radio Steel Chassis & Bottom Plate with Character
> http://www.ebay.com/itm/330690707262?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1558.l2649

Patina!

-Larry/NE1S
```

5678. Re: [AWA Group] Re: Reworking the AM transceiver ???????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-21 12:27:17 UTC
From: ne1s@securespeed.us
Topic: 5643 Message: 5678

> Did some antenna work today and had a successfull QSO with the AM rig.
>

Great! Which AM rig? I know it's screen-modulated, but what is the tube line-up and topology again?

Who did you talk to, and on what frequency?

>
> 10 over 9 sig report. Now I wonder if the antenna was what was really wrong
> with my other project.

The antenna is every bit as important as the receiver and transmitter.

73,
-Larry/NE1S

5679. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-21 14:36:07 UTC
From: Louis Vermond
Topic: 130 Message: 5679

Patina!

You got it, Larry. A bucks worth...

5680. Why I Like the English 'Instruments'...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 01:14:16 UTC
From: Louis Vermond
Topic: 5680 Message: 5680

http://www.valve-radio.co.uk/Radio_components/gecophone_variable_condenser.htm

5681. Awesome 1929 transmitter - old picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 04:27:18 UTC
From: Jon
Topic: 5681 Message: 5681

900 watt, crystal control. Notice the UV-861 final.

5682. Re: [AWA Group] Awesome 1929 transmitter - old picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 10:46:42 UTC
From: Louis Vermond
Topic: 5681 Message: 5682

A Breadboarders Delight!

Tks Jon...

900 watt, crystal control. Notice the UV-861 final.

5683. Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 12:56:01 UTC
From: Don Dulmage
Topic: 5643 Message: 5683

Larry,
It was my DX60B. Frequency was 7145 as it is the only decent 40M rock I own. Not the best spot for a AM QSo but Tim VE6PG wg ho now lives in VE3 land made a sched and called till I anwered. I ordered some rocks from Bry Carling (3705 and 7290) but will make a VFO eventually. I even dragged an old Mohichan a neighbour gave me and hooked it up last night so I can make a totally Heathkit QSO. (Seems kinda goofy but I have it so why not?)
yesterday i worked on the 5 tube Am rig. I have the modulator section working too but it is overdriving the second 6ag7. So bad the tube actually vibrates and the paint is bubbling. I know how t cure it just ran out of time as I had a fiddle playing date yesterday. The overdrive is independant of modulation.I just keep plugging away. Eventually I will have this homebrew sorted out. I am thining of bringing the transceiver back up and putting it on this rebuilt antenna. I am curious if it will make the difference.
On the QSO Tim said the audio was very good and the signal was 10 over.on the heath. We were fighting severe QRM too.
For Joe Cro. My brother has your SW schematics done . I sold him that radio 25 years ago and had never looked inside. When I saw your post on another site I told him you were looking.
Don VE3LYX

5684. de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 15:31:11 UTC
From: Roger Kuchera
Topic: 136 Message: 5684
Attachments: 1 described; binary payloads are missing from this source WARC

Gentlemen,
Once again I am searching for something oddball. I purchased a straight key at the Marlboro (MA) hamfest this past weekend. It is a Signal Electric, brass job in good shape. Unfortunately, it is missing a couple of parts! I have attached a JPEG pix of the key with arrows indicating the missing parts. The gap adjuster screw and tension spring (a conically-shaped, progressive).

Does anyone in our august body know of any spares or a source of such parts? I contacted W1TP, a key collector, and he has none. Is there a machinist in our midst?

Thank you for your time.

CUL, Roger/K1TG

5685. de K1TG - OOps!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 15:40:36 UTC
From: Roger Kuchera
Topic: 5685 Message: 5685
Attachments: 1 described; binary payloads are missing from this source WARC

I attached the wrong JPEG, sorry.

R.

5686. RE: [AWA Group] de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 15:43:08 UTC
From: Mike Feher
Topic: 136 Message: 5686

Roger -

You might try Tom French, "indiancove" on ebay. I have several of those keys, but, they are all complete. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Wednesday, February 22, 2012 10:31 AM
To: AWAgroup@yahoogroups.com
Subject: [AWA Group] de K1TG

Gentlemen,
Once again I am searching for something oddball. I purchased a straight key at the Marlboro (MA) hamfest this past weekend. It is a Signal Electric, brass job in good shape. Unfortunately, it is missing a couple of parts! I have attached a JPEG pix of the key with arrows indicating the missing parts. The gap adjuster screw and tension spring (a conically-shaped, progressive).

Does anyone in our august body know of any spares or a source of such parts? I contacted W1TP, a key collector, and he has none. Is there a machinist in our midst?

Thank you for your time.

CUL, Roger/K1TG

5687. help alighning SX-15

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 15:59:25 UTC
From: k2mp14468
Topic: 5687 Message: 5687

I'm having trouble with end point oscillator alignment on what should be a straight forward task. My issue is that it isn't clear to me as to where the Bandspread capacitor should be set. It is only calibrated as 0 to 100. Anyone have a Hallicrafters manual that tells where to set that prior to alignment ? I only have the Riders data which doesn't mention that important point. Thanks, 73

Ed Gable k2mp

5688. Re: de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 16:24:24 UTC
From: cwopr@embarqmail.com
Topic: 136 Message: 5688

Roger, I believe your key may be a model R62 (3/16 contacts) or R64 (3/8 contacts) spark key. I see them on eBay at times (that's where I got mine--R64). You may be able to make a spring and the adj. screw may be available from some specialty hardware shops and of course could be made by a machinist. You may also be able to find another model Sig. Elec. key with a similar spring. If you get to the point of needing parts to measure, I'll be glad to send you my key for that purpose. I just looked at mine and it looks like it has a non-orig spring, so can't help in that regard. Good luck..73 de Bill K4JYS

--- In AWAGroup@yahoogroups.com, Roger Kuchera <rwkuchera@...> wrote:
>
> Gentlemen,
> Once again I am searching for something oddball. I purchased a
> straight key at the Marlboro (MA) hamfest this past weekend. It is a
> Signal Electric, brass job in good shape. Unfortunately, it is missing
> a couple of parts! I have attached a JPEG pix of the key with arrows
> indicating the missing parts. The gap adjuster screw and tension
> spring (a conically-shaped, progressive).
>
> Does anyone in our august body know of any spares or a source of
> such parts? I contacted W1TP, a key collector, and he has none. Is there
> a machinist in our midst?
>
> Thank you for your time.
>
> CUL, Roger/K1TG
>

5689. QSTs wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 17:13:26 UTC
From: Louis Vermond
Topic: 5689 Message: 5689

QSTs wanted. Spares anyone? Lou

1920
Jan.
Feb.
Apr.
May
July
Aug. Oct.
Nov.

1921
Jan.
Feb.
Sept.
Oct.
Nov.
Dec.

5690. Re: [AWA Group] de K1TG - OOps!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 17:22:42 UTC
From: Louis Vermond
Topic: 5685 Message: 5690
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/3-telegraph-Morse-code-telegraph-key-springs-J-38-Western-Union-Electric-/150762765554?pt=LH_DefaultDomain_0&hash=item231a293cf2

5691. RE: [AWA Group] de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 18:30:10 UTC
From: Roger Kuchera
Topic: 136 Message: 5691

Thanks for the tip.

R.

--- On Wed, 2/22/12, Mike Feher <n4fs@eozinc.com> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [AWA Group] de K1TG
To: AWAGroup@yahoogroups.com
Date: Wednesday, February 22, 2012, 10:43 AM

Roger –

You might try Tom French, “indiancove” on ebay. I have several of those keys, but, they are all complete. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Wednesday, February 22, 2012 10:31 AM
To: AWAgroup@yahoogroups.com
Subject: [AWA Group] de K1TG

Gentlemen,
Once again I am searching f! or something oddball. I purchased a straight key at the Marlboro (MA) hamfest this past weekend. It is a Signal Electric, brass job in good shape. Unfortunately, it is missing a couple of parts! I have attached a JPEG pix of the key with arrows indicating the missing parts. The gap adjuster screw and tension spring (a conically-shaped, progressive).

Does anyone in our august body know of any spares or a source of such parts? I contacted W1TP, a key collector, and he has none. Is there a machinist in our midst?

Thank you for your time.

CUL, Roger/K1TG

5692. de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 18:51:29 UTC
From: Roger Kuchera
Topic: 136 Message: 5692

Does anyone have a J-38 and would be willing to measure the big end of the tension spring? Lou put me on to some springs on Ebay.

Roger/K1TG

5693. Re: de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 19:39:02 UTC
From: cwopr@embarqmail.com
Topic: 136 Message: 5693

Roger,

My J-38 spring measures around .284 in. OD (at the base) & .220 or so at the small end, as measured with a dig. caliper. The spring hole in my Sig. Elec. measures around .248 Dia.

Bill, K4JYS

--- In AWAGroup@yahoogroups.com, Roger Kuchera <rwkuchera@...> wrote:
>
> Does anyone have a J-38 and would be willing to measure the big end of
> the tension spring? Lou put me on to some springs on Ebay.
>
> Roger/K1TG
>

5694. Fwd: london vintage radio club

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 23:14:27 UTC
From: Jim Robson
Topic: 5694 Message: 5694
Attachments: 1 described; binary payloads are missing from this source WARC

AWAGroup friends--I am a member of the London Vintage Radio Club. The club is focused primarily on restoring commercial receivers so I thought you might be interested in their latest bulletin. 73, Jim/VE3BHK.

5695. Re: [AWA Group] Re: de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 22:55:03 UTC
From: Roger Kuchera
Topic: 136 Message: 5695

TU.

--- On Wed, 2/22/12, cwopr@... <cwopr@...> wrote:

> From: cwopr@... <cwopr@...>
> Subject: [AWA Group] Re: de K1TG
> To: AWAGroup@yahoogroups.com
> Date: Wednesday, February 22, 2012, 2:39 PM
>
> Roger,
>
> My J-38 spring measures around .284 in. OD (at the base)
> & .220 or so at the small end, as measured with a dig.
> caliper. The spring hole in my Sig. Elec. measures around
> .248 Dia.
>
> Bill, K4JYS
>
>
>
> --- In AWAGroup@yahoogroups.com,
> Roger Kuchera <rwkuchera@...> wrote:
> >
> > Does anyone have a J-38 and would be willing to measure
> the big end of
> > the tension spring? Lou put me on to some springs on
> Ebay.
> >
> > Roger/K1TG
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   AWAGroup-fullfeatured@yahoogroups.com
>
>

5696. Re: Awesome 1929 transmitter - old picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 23:54:14 UTC
From: Jon
Topic: 5681 Message: 5696

More 1920's homebrew transmitter pictures. Did 1920's rigs tend to be larger and somewhat more likely to feature telephony than modern reproductions or were those types of rigs just more likely to be photographed?

5697. Re: [AWA Group] Re: Awesome 1929 transmitter - old picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 00:23:46 UTC
From: Leonard Meek
Topic: 5681 Message: 5697

Great pictures.

Leonard

5698. RE: [AWA Group] Re: Awesome 1929 transmitter - old picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 01:01:48 UTC
From: Mike Feher
Topic: 5681 Message: 5698

Excellent set of photos Jon. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Jon
Sent: Wednesday, February 22, 2012 6:54 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Awesome 1929 transmitter - old picture

More 1920's homebrew transmitter pictures. Did 1920's rigs tend to be larger and somewhat more likely to feature telephony than modern reproductions or were those types of rigs just more likely to be photographed?

<https://lh6.googleusercontent.com/-r0WPIha9FfU/T0V67hEW45I/AAAAAAAAAuY/8aY97h6YA-Y/s800/1929_Photo_1.jpg>
<https://lh4.googleusercontent.com/-j-zhNyQ6YDU/T0V67uOgA9I/AAAAAAAAAuk/L0ttx2yZiwA/s800/112.png>
<https://lh4.googleusercontent.com/-m7zGh0RS6TE/T0V67U1tqhI/AAAAAAAAAuU/uDQB4XQ207E/s800/1BCG%2520Transmitter.jpg>
<https://lh5.googleusercontent.com/-xj61Xk4p1NA/T0V68Z8O6DI/AAAAAAAAAus/BZKSom1mJDY/s800/2003-1-1165_250X227.jpg>
<https://lh3.googleusercontent.com/-N5mJ21iKaEg/T0V68epMi2I/AAAAAAAAAuw/Y2Entuj_hhY/s800/3vo.jpg>
<https://lh5.googleusercontent.com/-VWmniBecaBk/T0V69-CQ8iI/AAAAAAAAAu8/xKqfT6BUo4s/s800/4by.jpg>
<https://lh4.googleusercontent.com/-AkmQ3QMvgaA/T0V6-cKh7II/AAAAAAAAAvM/NuF_BkjPRmE/s800/5afd1927.jpg>
<https://lh5.googleusercontent.com/-3ayR_ulsxyk/T0V6-J7LlnI/AAAAAAAAAvE/toW5LUht5zs/s800/Ham1.jpg>
<https://lh3.googleusercontent.com/-04y7egZmMUQ/T0V6-r9H6fI/AAAAAAAAAvU/cYNEE6zAzFs/s800/L87-1.41335-30.jpg>
<https://lh5.googleusercontent.com/-xZpdFFAXT9w/T0V7ABintcI/AAAAAAAAAvc/dwVuBLSqfPI/s800/Screenshot-1.png>
<https://lh4.googleusercontent.com/-RqEiL-IP6bs/T0V7BjBwpZI/AAAAAAAAAvs/hnDEgLqLoj0/s800/Screenshot-23.png>
<https://lh5.googleusercontent.com/-aMW_15buhyw/T0V7Bpo9UyI/AAAAAAAAAvk/pU1BW2649oY/s800/Screenshot-6.png>
<https://lh3.googleusercontent.com/-NSDFrZqYja0/T0V7FujzqmI/AAAAAAAAAwM/PO0LRWpgkiI/s800/Screenshot-8.png>
<https://lh6.googleusercontent.com/-7nyUdcuPNnA/T0V7DqU62BI/AAAAAAAAAv0/Dzfr

fiOXOp4/s800/W3GUT.jpg>
<https://lh6.googleusercontent.com/-fXd4qfdnUPY/T0V7F6e5nhI/AAAAAAAAAwE/mr0A
iungQGk/s800/W8BQD%252B1929%252BQSL.jpg>
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sYI5wN4/s800/W9FEI%252B1931%252BQSL.jpg>
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FPSK128/s800/WFBE_090111.jpg>
<https://lh3.googleusercontent.com/-BAOzwvsPwwo/T0V7LDXRu8I/AAAAAAAAAws/g9Kp
bai3kRE/s800/cavite-012.JPG>
<https://lh6.googleusercontent.com/-RNx6o-0sxd8/T0V7LTMzJ4I/AAAAAAAAAww/ArpM
IsbkbIM/s800/ef8ic.jpg>
<https://lh6.googleusercontent.com/-u6SBtuPhmVg/T0V7L5DJKOI/AAAAAAAAAxA/kLlU
DiTYVAk/s800/g6yl_photo3.jpg>
<https://lh3.googleusercontent.com/-MPI_MSqqKkg/T0V7L10-XHI/AAAAAAAAAw8/SML5
TyJGjfQ/s800/ham_3adt.jpg>
<https://lh3.googleusercontent.com/-ZQVtTGr-b-4/T0V7MknffiI/AAAAAAAAAxM/DiTf
ZZMi9E4/s800/ham_8bny_large.jpg>
<https://lh5.googleusercontent.com/-s3KzN_Vhj4Q/T0V7RLhDkrI/AAAAAAAAAx4/cNOJ
U9g_nTQ/s800/power1_0201.jpg>
<https://lh5.googleusercontent.com/-zhKWor57qJU/T0V7NV_OMII/AAAAAAAAAxU/q79V
JD7Eq2U/s800/radio-contrlboard_L.jpg>
<https://lh6.googleusercontent.com/-B2chhHx31xo/T0V7PahHRRI/AAAAAAAAAxk/nK8h
bX9umfw/s800/radio_age_1.jpg>
<https://lh4.googleusercontent.com/-BhB-b_Q7ySk/T0V7OjCYvlI/AAAAAAAAAxc/BNV1
6jRz_SE/s800/radio_age_2.jpg>
<https://lh4.googleusercontent.com/-Z3ZkmeLf0OU/T0V7Q5LnUbI/AAAAAAAAAxs/bpca
lLS41Ks/s800/slide25.jpg>
<https://lh6.googleusercontent.com/-bMKPcsL4-40/T0V7RcNDsDI/AAAAAAAAAx0/HG51
_4FrIKs/s800/w3xx%2520station.jpg>
<https://lh5.googleusercontent.com/-yAZEFTSsLDI/T0V7Rt2Fy_I/AAAAAAAAAx8/0Svc
BNU3pQs/s800/w6bam.jpg>
<https://lh6.googleusercontent.com/-_8G_Q1LUNCY/T0V7Rx6do0I/AAAAAAAAAyM/oH15
I_pbamk/s800/w8kwu.jpg>
<https://lh5.googleusercontent.com/-Lp8kTVYea4k/T0V7SA9b6WI/AAAAAAAAAyQ/VXEI
XaY5VqM/s800/w9cnn-old-xmtr-1-350.jpg>
<https://lh4.googleusercontent.com/-I18d2t5KIPU/T0V65r2o_BI/AAAAAAAAAuE/1oOc
4n839Ms/s800/1928xmtr-front.jpg>

5699. Awesome 1929 transmitter - old picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 02:20:23 UTC
From: Louis Vermond
Topic: 5681 Message: 5699
Attachments: 3 described; binary payloads are missing from this source WARC

Thank you, Jon for all the great shots. Have only seen a few of them before.

From my reading of early amateur radio around the world and, of course, QST, the large majority of the rigs were single 5 & 50 watters.

73, Lou
VE3AWA

http://hamgallery.com/Tribute/G6YL/
QSQ = Doctor on board ...?

Valve probably a Marconi/Osram LS5 c. 1926
Note Cardwell 1000 mmfd. antenna cap. at left
Rig is in the RSGB collection

5700. Re: Reworking the AM transceiver(s)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-22 16:21:50 UTC
From: Don Dulmage
Topic: 5700 Message: 5700
Attachments: 2 described; binary payloads are missing from this source WARC

Years ago (1983) I used to operate from this room in the basement. I have revived it with all my vintage style builds. Most if not all built this year.
Here is the newest homebrew AM rig. I have the overheating dealt with. Lowered the screen voltage on the ist 6ag7 tube supplying the drive. I have the modulation working but cant tell how good or bad it is as the radio is real hard on my monitor rcvr.(BZZZZZZZZZZZZZZZZZZZZZZ) I will wait for a pal to do a walk around on the farm to see if it is decent. I think I will do some bypassing in the audio circuit just to make sure there is no RF getting into it. I do have the older AM transceiver I built hooked up to the AMP and the tuner and on a inverted L of sorts. I will probably give it a whirl sometime too. It is a VFO so can go anywhere. It should be fun to operate from the "Dungeon"
Don VE3LYX

5701. Power supply question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 12:22:30 UTC
From: barry whittemore
Topic: 5701 Message: 5701

I have built a power supply from parts of an old Philco radio. It uses the Transformer, choke socket and type 80 tube from the radio. i am using the choke first then a 20 uF elect after the choke. with a 15K bleeder i am getting around 275 volts. I plan to use this for a Hartley TX for 40 meters that i am building using a 27 tube and i am afraid this might be to high. I find that if i make it 20K with another 5K resistor i have about 200V accross the 15K. Is it OK to feed that to the TX as my B+?
I also have a 45 tube i could use but since this is my first attempt i figured i would use the cheaper tube.

I am starting to layout the TX on the board and have a few mounting issues to work out.
Thanks
Barry
NF1O

5702. Re: Power supply question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 13:15:08 UTC
From: Jon
Topic: 5701 Message: 5702

275 volts is the maximum plate voltage for the 27 and it should drop considerably with full load so no issue there.

However, using a 27 tube in a power oscillator is akin to using an 852 in regen receiver. It was not done since there were cheaper tubes better suited for the purpose. It must be remembered that in 1929, the 27 cost as much or more than the more powerful 45.

5703. Re: [AWA Group] Re: Reworking the AM transceiver ???????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 13:27:19 UTC
From: ne1s@securespeed.us
Topic: 5643 Message: 5703

> Larry,
> It was my DX60B. Frequency was 7145 as it is the only decent 40M rock I
> own. Not the best spot for a AM QSo but Tim VE6PG wg ho now lives in VE3
> land made a sched and called till I anwered. I ordered some rocks from Bry
> Carling (3705 and 7290) but will make a VFO eventually.

OK.

> I even dragged an
> old Mohichan a neighbour gave me and hooked it up last night so I can make
> a totally Heathkit QSO. (Seems kinda goofy but I have it so why not?)
> yesterday i worked on the 5 tube Am rig. I have the modulator section
> working too but it is overdriving the second 6ag7. So bad the tube
> actually vibrates and the paint is bubbling.

It would really have to be a strong signal to make that happen. I would check control grid bias and screen grid voltage, or the stage may be oscillating strongly (still can happen with screen grid tubes, even the 6AG7, but less likely and easier to tame. Swamping the grid and plate tuned circuits with ~2.2 Kohm +/- in parallel with them can help if that's what's going on. Use the maximum value of resistance that is effective.)

73/GL,
-Larry/NE1S

5704. RE: [AWA Group] Power supply question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 12:58:26 UTC
From: Steve Flood
Topic: 5701 Message: 5704

>>275 volts. I plan to use this for a Hartley TX for 40 meters that i am building using a 27 tube and i am afraid this might be to high.

Barry - - in my earliest TNT mockups a couple years ago I had tried 27's and 45's. I had no problems running 300 to 350v on the 27. I was getting around 14-15mA plate current at 300v and 16-17mA at 350v. That poor little tube was being abused as I was learning how to get the grid coil correct and tune the plate circuit properly. It survived all my abuse and occasional high current excursions. You should be quite safe at 275v.

Steve KK7UV

5705. RE: [AWA Group] Power supply question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 13:54:47 UTC
From: ne1s@securespeed.us
Topic: 5701 Message: 5705

> You should be quite safe at 275v.
>

I concur.

73,
-Larry/NE1S

5706. Re: [AWA Group] Re: Power supply question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 14:00:16 UTC
From: ne1s@securespeed.us
Topic: 5701 Message: 5706

> However, using a 27 tube in a power oscillator is akin to using an 852 in
> regen receiver. It was not done since there were cheaper tubes better
> suited for the purpose. It must be remembered that in 1929, the 27 cost as
> much or more than the more powerful 45.
>
>

But not in 2012. Now, it's a good choice for an affordable tube that was available in 1929. The 45 was capable of creating more RF for the buck in the 20s, which is why it was commonly favored.

IIRC there is a rig using a PP TNT circuit using a pair of 27s as the MO for a 3-stage transmitter in a 1929 QST.

73,
-Larry/NE1S

5707. 1930 RCA Radio Course

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 15:13:25 UTC
From: john_kb7nrn
Topic: 5707 Message: 5707

This just showed up on the REGENRX group.
Thought you all might find interesting.

http://www.km5z.us/RCA_Radio_Course_1930.php

Lessons 63 & 64 are on Shortwave Transmitters and Receivers.
Showes the Hull Hartley in a couple photos.

John
KB7NRN

5708. RE: [AWA Group] Re: Power supply question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 17:19:16 UTC
From: barry whittemore
Topic: 5701 Message: 5708

Thanks for the input, i will add the resistor as permanant and start work on the TX. As i have both 27 and 45 tubes i can go either way but i think i will start with the 27 as it is more cheaply replaceable.
maybe ill use the 45 on the next one.
hope to work some of you when i get it on the air.
73
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: ne1s@...
Date: Thu, 23 Feb 2012 09:00:16 -0500
Subject: Re: [AWA Group] Re: Power supply question

> However, using a 27 tube in a power oscillator is akin to using an 852 in
> regen receiver. It was not done since there were cheaper tubes better
> suited for the purpose. It must be remembered that in 1929, the 27 cost as
> much or more than the more powerful 45.
>
>

But not in 2012. Now, it's a good choice for an affordable tube that was available in 1929. The 45 was capable of creating more RF for the buck in the 20s, which is why it was commonly favored.

IIRC there is a rig using a PP TNT circuit using a pair of 27s as the MO for a 3-stage transmitter in a 1929 QST.

73,
-Larry/NE1S

5709. london vintage radio club meeting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 17:53:08 UTC
From: Louis Vermond
Topic: 5709 Message: 5709

Thank Jim...

The next meeting you attend maybe you could swing down this way & I'll tag along.

Lou

5710. eBay Alert: Old Batteries

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 20:03:04 UTC
From: Bill Stewart
Topic: 5710 Message: 5710

Old 6v, B & C batteries..just in case someone wants to restuff, etc....73 Bill K4JYS

http://www.ebay.com/sch/merchant/k8pyd_W0QQ_nkwZQQ_armrsZ1QQ_fromZQQ_ipgZ

5711. Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 20:08:30 UTC
From: Bill Stewart
Topic: 5711 Message: 5711
Attachments: 2 described; binary payloads are missing from this source WARC

Good afternoon,
This was posted on the Glowbug list by Jerry, W0SAT.
See the attached pix. The VT-25 designation would seem to indicate
it is a member of the '10 family..maybe an English version? The base is the real odd
thing...banana plug type pins....can anyone help ID this tube. Here is Jerry's orig. post:

"I have this new tube in a heavy cardboard box from WW II era
It has a number on it VT-25 and another number DET 25
This has on it made in England
The base is the odd thing.
 It has a real large base about 1 inch thick
 made of a heavy type brown Phenolic.
 It has 4 pins that are banana type plugs
 What do you think it was used for ???
 Jerry w0sat"

More comments from Jerry:

"Bill : This socket is different than any I have ever seen.
        I will say though that is an original socket not
        something that someone put together.
         If I sent you a picture could you see if you know someone that
         knows more about it.??
                Thanks again
                    Jerry w0sat"

5712. RE: [AWA Group] eBay Alert: Old Batteries

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 20:09:36 UTC
From: Mike Feher
Topic: 5710 Message: 5712

Leo always seems to have some nice items. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Bill Stewart
Sent: Thursday, February 23, 2012 3:03 PM
To: AWA Group
Subject: [AWA Group] eBay Alert: Old Batteries

Old 6v, B & C batteries..just in case someone wants to restuff, etc....73 Bill K4JYS

http://www.ebay.com/sch/merchant/k8pyd_W0QQ_nkwZQQ_armrsZ1QQ_fromZQQ_ipgZ

5713. Re: [AWA Group] eBay Alert: Old Batteries

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 20:15:21 UTC
From: Bill Stewart
Topic: 5710 Message: 5713

He sure does, Mike....he is a busy man rounding up all that variety...Bill K4JYS

----- Original Message -----

Leo always seems to have some nice items. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Bill Stewart
Sent: Thursday, February 23, 2012 3:03 PM
To: AWA Group
Subject: [AWA Group] eBay Alert: Old Batteries

Old 6v, B & C batteries..just in case someone wants to restuff, etc....73 Bill K4JYS

http://www.ebay.com/sch/merchant/k8pyd_W0QQ_nkwZQQ_armrsZ1QQ_fromZQQ_ipgZ

5714. Re: [AWA Group] Re: Power supply question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 20:58:29 UTC
From: STEVE MCDONALD
Topic: 5701 Message: 5714

> However, using a 27 tube in a power oscillator is akin to using
> an 852 in regen receiver. It was not done since there were
> cheaper tubes better suited for the purpose. It must be
> remembered that in 1929, the 27 cost as much or more than the
> more powerful 45.

Maybe so but in 2012's age of the audiophool, I would much rather abuse a few dirt-cheap 27's than pop a few 45's. I think his choice is a good one in light of present-day choices.

Steve

The VE7SL RADIO NOTEBOOK: http://members.shaw.ca/ve7sl/

5715. Re: Reworking the AM transceiver ??????????

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 22:53:07 UTC
From: Don Dulmage
Topic: 5643 Message: 5715

I got past that problem and settled it down. i f got the modulator working and I finally got good power. more than I expected BUT it is really a piece of crap. Not a nice clean signal like my transceiver project and not as stable as I would like. freq moved as it warms . The other will stay on frequency all day without perceptable movement SO I said to myself "Self, you built it, tried a hundered different things, gained a ton of experience but you do not really like this rig" so I gave it a final go and took it apart saving the modulator and mixer tube section for some other day. I will use my 6ag7 on a more suitable project. i had built it modular s the PA section could be unbolted and replaced.
Today I received a final tube from a Lanc Bomber transmitter (PT15) . They had a very simple transmitter the T1154. Designed for carbon mike use and specifically built for supressor modulation. I will build it for 2 PT15s in parallel but so far I have just one but it will run on one just fine. . The Master osc tube was a VT105 (ML6 equivalent. whatever that is. Some kind of triode.) I have a Lanc style mic in fact it maybe the real deal. Should be a fun build . I will do a single band set but I have the schematic and will build as close to it as practical.
Not a hugely powerful tube but should be enuf to have fun. Tis a big one for sure.
Meanwhile back at the ranch I raised a vertical of sorts for my old homebrew transceiver and have it on air now. Currently tuned up on 7275-7276 . I have the tuner on it too and the amp . it is showing decent power so i hope to make a QSO with it from my downstairs shack on this new antenna. time will tell. .

5716. Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 23:27:50 UTC
From: Louis Vermond
Topic: 5711 Message: 5716

GE Bill,

I forwarded your letter to Rod Burman in the UK for his comments on the VT-25. Rod will be sending more on this valve to me tomorrow which I will post here.

Bill, pse pass this on to ur friend. 73, Lou

I have examples of VT25 in my collection made by MOV, Raytheon, Mazda and Cossor. VT25 was an RAF designation and was made under licence by Raytheon during WWII. As far as I can remember the Raytheon has a bulbous envelope and the MOV variety is tubular and I believe the one you sent me a pic of is MOV. The RAF number is 10E/7312.

I believe this is a Class B zero bias triode with a 60 Watt plate dissipation. If you want full info I'll dig out the data for you tomorrow. 73s, Rod

This was posted on the Glowbug list by Jerry, W0SAT.

See the attached pix. The VT-25 designation would seem to indicate it is a member of the '10 family..maybe an English version
The base is the real odd thing...banana plug type pins....can anyone help ID this tube.
Here is Jerry's orig. post:

"I have this new tube in a heavy cardboard box from WW II era It has a number on it VT-25 and another number DET 25
This has on it made in England The base is the odd thing. It has a real large base about 1 inch thick made of a heavy type brown Phenolic.
It has 4 pins that are banana type plugs What do you think it was used for ??? Jerry w0sat"

More comments from Jerry:

"Bill : This socket is different than any I have ever seen. I will say though that is an original socket not something that someone put together.
If I sent you a picture could you see if you know someone that knows more about it.??
Thanks again, Jerry w0sat"

5717. uy-227

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 23:29:07 UTC
From: barry whittemore
Topic: 5717 Message: 5717

is a uy-227 the same as a 27?
thanks barry
nf1o

5718. Re: [AWA Group] Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-23 23:56:19 UTC
From: Bill Stewart
Topic: 5711 Message: 5718

Tnx, Lou, for the fast response. I'll be looking forward to Rod's reply. I have forwarded this info on to Jerry. From Rods comments, I guess you were able to view the pix...good. I've got a couple other pix I'll pass to you off list.. ..73 de Bill

----- Original Message -----

☐
GE Bill,

I forwarded your letter to Rod Burman in the UK for his comments on the VT-25. Rod will be sending more on this valve to me tomorrow which I will post here.

Bill, pse pass this on to ur friend. 73, Lou

I have examples of VT25 in my collection made by MOV, Raytheon, Mazda and Cossor. VT25 was an RAF designation and was made under licence by Raytheon during WWII. As far as I can remember the Raytheon has a bulbous envelope and the MOV variety is tubular and I believe the one you sent me a pic of is MOV. The RAF number is 10E/7312.

I believe this is a Class B zero bias triode with a 60 Watt plate dissipation. If you want full info I'll dig out the data for you tomorrow. 73s, Rod

This was posted on the Glowbug list by Jerry, W0SAT.

See the attached pix. The VT-25 designation would seem to indicate it is a member of the '10 family..maybe an English version
The base is the real odd thing...banana plug type pins....can anyone help ID this tube.
Here is Jerry's orig. post:

"I have this new tube in a heavy cardboard box from WW II era It has a number on it VT-25 and another number DET 25
This has on it made in England The base is the odd thing. It has a real large base about 1 inch thick made of a heavy type brown Phenolic.
 It has 4 pins that are banana type plugs What do you think it was used for ??? Jerry w0sat"

More comments from Jerry:

"Bill : This socket is different than any I have ever seen. I will say though that is an original socket not something that someone put together.
         If I sent you a picture could you see if you know someone that knows more about it.?? Thanks again, Jerry w0sat"

5719. VT-25 & Bill

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 02:45:21 UTC
From: Louis Vermond
Topic: 5719 Message: 5719

Tnx, Lou, for the fast response. I'll be looking forward to Rod's reply. I have forwarded this info on to Jerry. From Rods comments, I guess you were able to view the pix...good. I've got a couple other pix I'll pass to you off list....73 de Bill

Bill,

Think we're caught up now. Agn, I'll send the specs on to the Group when rx.

GN, Lou

5720. Re: [AWA Group] uy-227

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 12:18:24 UTC
From: ne1s@securespeed.us
Topic: 5717 Message: 5720

```
>
> is a uy-227 the same as a 27?
> thanks barry
> nf1o
>
>
```

Same electrically, just older.

It is to a 27 what a UX-245 is to a 45 (i.e., same electrically, just older).

-Larry/NE1S

5721. Re: [AWA Group] VT-25 & Bill

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 12:24:05 UTC
From: ne1s@securespeed.us
Topic: 5719 Message: 5721

That limey Vt-25 definitely is a strange beast. All the VT-25s I've ever seen have the standard 4-pin base, and VT-25 is just the military designation for a '10.

I have a VT-25A in my stash, which is the same tube with an oxide-coated filament instead of thoriated tungsten, and it also has the standard 4-pin base.

73,
-Larry/NE1S

5722. RE: [AWA Group] uy-227

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 12:51:46 UTC
From: barry whittemore
Topic: 5717 Message: 5722

Thanks, Thats what i thought, just wanted to be sure so i know what i have to work with as i start my TX project.
73
Barry

To: AWAGroup@yahoogroups.com
From: ne1s@...
Date: Fri, 24 Feb 2012 07:18:24 -0500
Subject: Re: [AWA Group] uy-227

>
> is a uy-227 the same as a 27?
> thanks barry
> nf1o
>
>

Same electrically, just older.

It is to a 27 what a UX-245 is to a 45 (i.e., same electrically, just older).

-Larry/NE1S

5723. Re: [AWA Group] uy-227

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 14:00:33 UTC
From: Jim Robson
Topic: 5717 Message: 5723

Fellas, a very minor point about tube development if you service antique radios: in the autodyne circuit, where a 224 is spec'd as the oscillator, later runs of the 24 were purposefully designed not to oscillate as less exotic circuits became the norm; ie. the superheterodyne which utilized the 24 as an rf amplifier. You may find that even though a 224 and a 24 are electrically equivalent only a 224 will work in an autodyne. Even then, only certain ones.

Don't ask me how I remember this!

73,
Jim/VE3BHK

On 24/02/12 7:18 AM, ne1s@... wrote:
>
> >
> > is a uy-227 the same as a 27?
> > thanks barry
> > nf1o
> >
> >
>
> Same electrically, just older.
>
> It is to a 27 what a UX-245 is to a 45 (i.e., same electrically, just
> older).
>
> -Larry/NE1S
>
>

5724. Re: [AWA Group] uy-227

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 13:25:03 UTC
From: Eddy Swynar
Topic: 5717 Message: 5724

Hi Guys,

In the matter of "27" vs. "227" etc. etc. tubes, a good rule of thumb---maybe not ALWAYS accurate!---is simply this: a "27" (etc.) is just a SHOULDER TUBE glass envelope of the "227" BALLOON TUBE glass envelope.

And of course, there are the different manufacturers' derivatives thereof, too, ex. a "327" was made by Cunningham, a "427" was made by Kellogg (I think), & a "527" was made by the DeForest Co. (I believe)...

"Individual results may vary, of course!'

~73~ de Eddy VE3CUI - VE3XZ

5725. Re: [AWA Group] uy-227

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 13:55:57 UTC
From: Andy UU1CC
Topic: 5717 Message: 5725

On Friday 24 February 2012 13:25:03 Eddy Swynar wrote:

> And of course, there are the different manufacturers' derivatives thereof,
> too, ex. a "327" was made by Cunningham, a "427" was made by Kellogg (I
> think), & a "527" was made by the DeForest Co. (I believe)...

..and Arcturus "127" blue beauty.

--
73! Andy

5726. More on the VT-25

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 14:24:13 UTC
From: Louis Vermond
Topic: 5726 Message: 5726
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you, Rod.

Bill,

Below is a photo showing the type of valve holder Rod is referring to in his letter.

73, Lou

Hello Lou

The VT25/DET25 is also equivalent to the CV1025 and the data below is from the CV data sheet which shows acceptable limits for certain parameters as well as mandatory figures. The base is known as L4 in UK and as I'm sure you realised is the same as used on the DET1. As this tube and others like it are much beloved by the audio maniacs the original sockets are quite rare and rather expensive, however Phil may be able to help.

Data:

Vf = 7.5V
If = 1.0 to 3.0 A
Va max = 1200V
W max = 36W

gm = 2.1mA/V
Ra = 4800 ohms
mu = 10

The above 3 parameters measured at Va = 1200V and Ia = 30mA

Vg range for above = -74V to -90V

f max = 15Mc's

I believe this tube was used as the output in the RAF T1083 transmitter

Hope this is useful.

Best 73

Rod G4RSN

5727. Re: [AWA Group] uy-227

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 14:37:18 UTC
From: Louis Vermond
Topic: 5717 Message: 5727

!---is simply this: a "27" (etc.) is just a SHOULDER TUBE glass envelope ....

The Old Timers referred to the ST tube as a, "Mae West".

Lou

5728. [AWA Group] Re: Power supply question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 16:40:06 UTC
From: Jon
Topic: 5701 Message: 5728

I understand that sometimes compromises on authenticity must be made for reasons of economy or availability.

How about 201A's? Theres a cheap common tube that was actually used in economy power oscillators in the 20's. Too wimpy?

--- In AWAGroup@yahoogroups.com, STEVE MCDONALD <ve7sl@...> wrote:
>
>
>
>
> > However, using a 27 tube in a power oscillator is akin to using
> > an 852 in regen receiver. It was not done since there were
> > cheaper tubes better suited for the purpose. It must be
> > remembered that in 1929, the 27 cost as much or more than the
> > more powerful 45.
>
> Maybe so but in 2012's age of the audiophool, I would much rather abuse a few dirt-cheap 27's than pop a few 45's. I think his choice is a good one in light of present-day choices.
>
> Steve
>
>
> The VE7SL RADIO NOTEBOOK: http://members.shaw.ca/ve7sl/
>

5729. Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 16:55:36 UTC
From: Don Dulmage
Topic: 5711 Message: 5729
Attachments: 1 described; binary payloads are missing from this source WARC

Speaking of big old RAF tubes here is a PA tube from a Lanc bomber TX
VT 105 (aka PT 15) Beside it is a 6SL7 . Next project will use both I hope.
Your tube sounds like a good piece too. Should be fun in a circuit somewhere.
Don VE3LYX

5730. Re: [AWA Group] Re: Power supply question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 17:27:02 UTC
From: Louis Vermond
Topic: 5701 Message: 5730
Attachments: 1 described; binary payloads are missing from this source WARC

I understand that sometimes compromises on authenticity must be made for reasons of economy or availability.

Horrors!!

5731. Re: [AWA Group] Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 17:28:19 UTC
From: Louis Vermond
Topic: 5711 Message: 5731

Nice....

5732. Re: help aligning SX-15

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 21:46:41 UTC
From: JAMES HANLON
Topic: 5732 Message: 5732

Ed,

I'm not familiar with the SX-15 specifically, but every bandset-bandspread receiver I've ever aligned is always done with the bandspread condenser completely open. That way you set the bandset condenser for the top of the range you want to tune and tune down into the range with the bandspread condenser. My observation holds true for Hallicrafters (S-19R, S20R, SX-28, SX42, SX-43), RME (69 and 70), National (NC57, NC-173), Howard (436, 438, 490) and Hammarlund (HQ-100, HQ-129x, HQ-140) sets.

Jim, W8KGI

5733. Re: RCA tube sockets?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-24 22:41:54 UTC
From: Jon
Topic: 5649 Message: 5733

For future reference, I found the UR-542 sockets in a 1929 catalog:

5734. UK Wartime Radio: The Secret Listeners

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-25 19:37:31 UTC
From: Louis Vermond
Topic: 5734 Message: 5734

http://www.eafa.org.uk/catalogue/5108
Wartime Radio: The Secret Listeners
Documentary highlighting the work of wartime volunteer radio operators.
Illustrated with archival film and photographs, as well as interviews with those involved, the documentary traces the evolution of civilian involvement in radio-based intelligence during both world wars.

It was the tireless work of amateur radio enthusiasts during World War I, that initially convinced the Admiralty to establish a radio intercept station at Hunstanton. Playing an integral role during the war, technological advances meant that radio operators could pinpoint signals, thus uncovering the movement of German boats, leading to the decisive Battle of Jutland in 1916.

Wireless espionage was to play an even more important role during World War II, with the Secret Intelligence Service setting up the Radio Security Service, which was staffed by Voluntary Interceptors, a band of amateur radio enthusiasts scattered across Britain. The information they collected was interpreted by some of the brightest minds in the country, who also had a large hand in deceiving German forces by feeding false intelligence.

5735. More UK Radio

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-25 19:51:16 UTC
From: Louis Vermond
Topic: 5735 Message: 5735

http://www.eafa.org.uk/browse.aspx#&&page=1&navid=1%2c-1%2c%2c2178&tab=4&tagid=%2c%2c%2c2178&psize=10

5736. Re: More on the VT-25

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 01:01:29 UTC
From: Don Dulmage
Topic: 5726 Message: 5736

Socket for British tubes are very easy to make. I just made one for a PT15 (british 5 pin) I took apart an old octal wafer nd took the contacts ot individually. I made an exact pattern of the tube pin contact on a thick piece of paper. I placed the paper over apiece of fiberglass wafer and fastened the paper to it. I carefully drilled the holes then triedthe tube gently in. When i got it so it would go without forcing I bolted an identical wafer undeneath. I then drilled the holes through it knowing that they would be exactly the same.I then inbolted the wafersand drilled the bottom ones out larger enuf to accept the old wafer socket contacts. I then drilleda seconfd row of holes the same size around the outside at the right distance for the lugs from the old wafer contacts to protrude through. i made a paper spacer but it doesnt matterthat is is papaer because the centre iscompletley removed so no electrical contact of any kind. It is just the give the lug arms space between the two wafers. I assembled the two and tried thetube. It fit perfect. You would not know it was home made. The board Isued is what I used to use for making high voltage diode banks on so it will stand anything this tube needs (1.2 KV). How long did it take? it seems to me it took less time than it did to write the description. Probably about 15 minutes. And it doesnt look home made. So this gives you also a good option since some of these old sockets are almost impossible to find.
Don VE3LYX

5737. Re: [AWA Group] Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 01:10:24 UTC
From: ne1s@securespeed.us
Topic: 5711 Message: 5737

> Speaking of big old RAF tubes here is a PA tube from a Lanc bomber TX
> VT 105 (aka PT 15) Beside it is a 6SL7 . Next project will use both I
> hope.

Sure you got the VT 105 number right, Don? I was looking it up to see if it was equivalent to an 814, because that's what your photo resembled.

According to the following sites the VT-105 is a small transmitting triode, and is single-ended (no plate cap):

http://www.r-type.org/exhib/aab0024.htm

http://www.tubecollector.org/vt105.htm

If what you have is an 814, that's a useful late 1930s-vintage beam-power tetrode.

73,
-Larry/NE1S

5738. Re: More on the VT-25

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 01:14:10 UTC
From: Don Dulmage
Topic: 5726 Message: 5738
Attachments: 2 described; binary payloads are missing from this source WARC

as here
Don VE3LYX

5739. Re: [AWA Group] Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 13:11:34 UTC
From: ne1s@securespeed.us
Topic: 5711 Message: 5739

>> Speaking of big old RAF tubes here is a PA tube from a Lanc bomber TX
>> VT 105 (aka PT 15) Beside it is a 6SL7 . Next project will use both I
>> hope.
>
> Sure you got the VT 105 number right, Don? I was looking it up to see if
> it was equivalent to an 814, because that's what your photo resembled.
>
> According to the following sites the VT-105 is a small transmitting
> triode, and is single-ended (no plate cap):
>
> http://www.r-type.org/exhib/aab0024.htm
>
> http://www.tubecollector.org/vt105.htm
>
> If what you have is an 814, that's a useful late 1930s-vintage beam-power
> tetrode.
>

Ah, I should have searched PT15, which I just did:

http://www.tubecollector.org/pt15.htm

The VT# for the PT15 is VT104. Except for the base, it does look an awful lot like an 814. However, the PT15/VT-104 has a maximum plate dissipation of 30W vs. the 814 which is 50W CCS and 65W ICAS. The 814 was used as the final PA in the Hallicrafters HT-9 transmitter.

73,
-Larry/NE1S

5740. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 17:32:25 UTC
From: Louis Vermond
Topic: 130 Message: 5740

http://www.ebay.com/itm/QST-Magazine-Complete-Set-1936-Very-Good-Condition-/220963189191?pt=LH_DefaultDomain_0&hash=item33726eb1c7

1936 QSTs. Gud shape, gud price.

5741. Pics upload

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 19:30:24 UTC
From: barry whittemore
Topic: 5741 Message: 5741

I have started to build my Hartley and the first obstacle was the VariCap was to low to allow the Vernier so i had to make a special 2 piece mount for it. One for the Cap and one for the Vernier.
I have uploaded pics under NF1O in the photo section.
Barry
NF1O

5742. RE: [AWA Group] Pics upload - NF1O

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 20:48:21 UTC
From: Steve Flood
Topic: 5742 Message: 5742
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Barry,

Before you get too far along, I□d like to point out something for your consideration. As you probably know, both the rotor/frame and stator of the variable condenser will be hot with RF which of course leaves the rig subject to some amount of □hand capacity□ when trying to tune. While this is manageable and part of the □fun□ of operating these rigs, I found in my most recent project that the effect is VERY MUCH WORSE when you attach that big metal vernier drive to the shaft. I□m guessing it□s the extra surface area and a □capacity hat□ type of effect. You might consider an insulated shaft coupler, or a non-conductive shaft extension. It worked very well for me. I have only a hint of hand capacity. By a □hint□ I mean about 300 or 400 cycles of hand effect at most. Without insulating the vernier drive, this effect was more like 5 or 6 kc!

I had a Cardwell condenser with a cut-off shaft to which I attached a shaft coupler. The coupler and vernier drive are connected by a 1-inch length of hard rubber scrap I shaped into a rod. (Delrin and fiberglass rod come in ¼□ diameters also). If you□re wondering, the other gizmo is a modified Mar-co midget cap for very fine tuning.

Good luck,

Steve KK7UV

5743. Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 21:07:49 UTC
From: Don Dulmage
Topic: 5711 Message: 5743
Attachments: 2 described; binary payloads are missing from this source WARC

I goofed tis VT104 , VT105 is the triode driver and modulator tube.(VT105 is a british ML6 triode. , VT104 is a PT15. huge tube.
I have a lot built now. Will soon be wiring it. I need a voltage doubler to use it well. I am subbing the 6sl7 for the two triodes in the rig. Since I have done this before with success in my other rig I know what to do. I found a simplified circuit. The real circuit but single band and single tube . It appeals to me this very rugged basic simple circuit. . Here it is so far.
Don Ve3LYX

5744. KK7UV?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 22:32:52 UTC
From: Louis Vermond
Topic: 5744 Message: 5744

Steve,

My Es to you are bouncing. Pay bill? Lou

5745. RE: [AWA Group] Pics upload - NF1O

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 22:33:11 UTC
From: barry whittemore
Topic: 5742 Message: 5745
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for the advice. i do have a coupler. i can move the cap a bit farther back. it puts it about 3/4 inch back.
barry

To: AWAGroup@...m
From: kk7uv@...
Date: Sun, 26 Feb 2012 13:48:21 -0700
Subject: RE: [AWA Group] Pics upload - NF1O

Hi Barry, Before you get too far along, I'd like to point out something for your consideration. As you probably know, both the rotor/frame and stator of the variable condenser will be hot with RF which of course leaves the rig subject to some amount of "hand capacity" when trying to tune. While this is manageable and part of the "fun" of operating these rigs, I found in my most recent project that the effect is VERY MUCH WORSE when you attach that big metal vernier drive to the shaft. I'm guessing it's the extra surface area and a 'capacity hat' type of effect. You might consider an insulated shaft coupler, or a non-conductive shaft extension. It worked very well for me. I have only a hint of hand capacity. By a "hint" I mean about 300 or 400 cycles of hand effect at most. Without insulating the vernier drive, this effect was more like 5 or 6 kc! I had a Cardwell condenser with a cut-off shaft to which I attached a shaft coupler. The coupler and vernier drive are connected by a 1-inch length of hard rubber scrap I shaped into a rod. (Delrin and fiberglass rod come in ¼" diameters also). If you're wondering, the other gizmo is a modified Mar-co midget cap for very fine tuning. Good luck,Steve KK7UV

5746. RE: [AWA Group] KK7UV?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 22:48:13 UTC
From: Steve Flood
Topic: 5744 Message: 5746

No problems I know of Lou. I will CC this to your private email.

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Louis Vermond
Sent: Sunday, February 26, 2012 3:33 PM
To: AWAGroup
Subject: [AWA Group] KK7UV?

Steve,

My Es to you are bouncing. Pay bill? Lou

5747. Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-26 21:19:18 UTC
From: Don Dulmage
Topic: 5711 Message: 5747

No it s not a 814. It is a PT15 tube made for and used exclusivley in the T1154 transmitter from the Lanc Bombers. VT104 is its other designation. Did you see the socket ? This tube was designed based on the PT5 to be used with supressor grid modulation . 1200Volt B+, Direct heated filament 6 volt. the filment also supplies the Carbon mic circuit. Full scale rig had 4 tubes but simplified has 3 which I will make two. (twin triode.)
Don VE3LYX

5748. Was always been my favourite cover...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 11:15:33 UTC
From: Louis Vermond
Topic: 5748 Message: 5748
Attachments: 1 described; binary payloads are missing from this source WARC

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=251006121920&ssPageName=ADME:B:SS:US:1123

5749. RE: [AWA Group] Was always been my favourite cover...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 14:04:48 UTC
From: Mike Feher
Topic: 5748 Message: 5749

Hey Lou - Great advertising our group on your for sale items on eBay. BTW, the H and the W are not even close on the keyboard, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, February 27, 2012 6:16 AM
To: AWAGroup
Subject: [AWA Group] Was always been my favourite cover...

5750. ePay...Err, eBAY!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 15:59:02 UTC
From: Eddy Swynar
Topic: 5750 Message: 5750

Hi Guys,

I was THIS CLOSE to bidding on an old issue of QST that I want for my collection, i.e. http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=130654136851&ssPageName=ADME:X:RTQ:US:1123 until I noticed that the seller wants a WHOPPING $25.00+ to have it mailed to me!

That's more than what my bid would have been, and past experience has shown that THOSE kind of shipping costs are more suited to HANDBOOKS, and NOT single-issue magazines.

Man, am I ever becoming increasingly disillusioned with eBay here...

~73~ de Eddy VE3CUI - VE3XZ

5751. RE: [AWA Group] ePay...Err, eBAY!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 16:07:05 UTC
From: Mike Feher
Topic: 5750 Message: 5751

Eddy -

Even in that condition, a 1916 issue is worth well over $100. For the heck of it I bid $66 and the first bidder was higher, so, he got it. I do agree about the ridiculous shipping cost. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Monday, February 27, 2012 10:59 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] ePay...Err, eBAY!

Hi Guys,

I was THIS CLOSE to bidding on an old issue of QST that I want for my collection, i.e. http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=130654136851&ssPageName=ADME:X:RTQ:US:1123> &item=130654136851&ssPageName=ADME:X:RTQ:US:1123

until I noticed that the seller wants a WHOPPING $25.00+ to have it mailed to me!

That's more than what my bid would have been, and past experience has shown that THOSE kind of shipping costs are more suited to HANDBOOKS, and NOT single-issue magazines.

Man, am I ever becoming increasingly disillusioned with eBay here...

~73~ de Eddy VE3CUI - VE3XZ

5752. Re: [AWA Group] ePay...Err, eBAY!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 16:24:21 UTC
From: Louis Vermond
Topic: 5750 Message: 5752

Another chance...

http://www.ebay.com/itm/QST-Magazine-September-1916-Vol-1-No-10-Excellent-Condition-/230750073950?pt=LH_DefaultDomain_0&hash=item35b9c6b45e

I noticed that the seller wants a WHOPPING $25.00+ to have it mailed to me! When I see wild shipping charges I contact the seller asking if he would ship the item first class mail or "small packet". They usually agree to do so at the lower rate.

Eddy... 25 bucks?! Them daz are over. Lou

5753. RE: [AWA Group] ePay...Err, eBAY!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 16:56:19 UTC
From: Mike Feher
Topic: 5750 Message: 5753

Yep, I have been watching those as they are probably in better condition than the ones I have. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, February 27, 2012 11:24 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] ePay...Err, eBAY!

Another chance...

http://www.ebay.com/itm/QST-Magazine-September-1916-Vol-1-No-10-Excellent-Condition-/230750073950?pt=LH_DefaultDomain_0
<http://www.ebay.com/itm/QST-Magazine-September-1916-Vol-1-No-10-Excellent-Condition-/230750073950?pt=LH_DefaultDomain_0&hash=item35b9c6b45e>
&hash=item35b9c6b45e

I noticed that the seller wants a WHOPPING $25.00+ to have it mailed to me! When I see wild shipping charges I contact the seller asking if he would ship the item first class mail or "small packet". They usually agree to do so at the lower rate.

Eddy... 25 bucks?! Them daz are over. Lou

5754. Re: [AWA Group] ePay...Err, eBAY!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 17:06:34 UTC
From: Louis Vermond
Topic: 5750 Message: 5754

Yep, I have been watching those as they are probably in better condition than the ones I have. - Mike

Get'm tiger...

5755. RE: [AWA Group] ePay...Err, eBAY!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 18:15:03 UTC
From: Mike Feher
Topic: 5750 Message: 5755

I might even bid on a few of your items. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, February 27, 2012 12:07 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] ePay...Err, eBAY!

Yep, I have been watching those as they are probably in better condition than the ones I have. - Mike

Get'm tiger...

5756. Re: [AWA Group] ePay...Err, eBAY!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 18:19:48 UTC
From: Louis Vermond
Topic: 5750 Message: 5756

I might even bid on a few of your items. - Mike

FB...but don't go crazy. Well, not too crazy. :0)

5757. Re: [AWA Group] ePay...Err, eBAY!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 18:27:32 UTC
From: Robert S Jenkins
Topic: 5750 Message: 5757

Louis,

What is your eBay ID?

Thanks

Robert
KG4KGL

Sent from my iPhone

On Feb 27, 2012, at 13:19, Louis Vermond <ldvermond@...> wrote:

>
>
> I might even bid on a few of your items. - Mike
>
> FB...but don't go crazy. Well, not too crazy. :0)
>
>
>
>

5758. ePay...& KG4KGL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 18:41:43 UTC
From: Louis Vermond
Topic: 5758 Message: 5758

What is your eBay ID?

o.t.riggs

5759. Re: [AWA Group] Was always been my favourite cover...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 19:15:36 UTC
From: Roger Kuchera
Topic: 5748 Message: 5759

That's Jesse Beeber's daughter.

R.

--- On Mon, 2/27/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@sympatico.ca>
Subject: [AWA Group] Was always been my favourite cover...
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Monday, February 27, 2012, 6:15 AM

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=251006121920&ssPageName=ADME:B:SS:US:1123

5760. 1923 Canadian Radio

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 19:48:45 UTC
From: Eddy Swynar
Topic: 5760 Message: 5760

Hi Guys,

This website would doubtlessly be of interest to other residents here in The Great White North:

http://www.kwarc.org/dbaccess/radio1923.html

~73~ de Eddy VE3CUI - VE3XZ

5761. HB I.F. Transformers

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 19:53:00 UTC
From: Eddy Swynar
Topic: 5761 Message: 5761

Hi Guys,

Here's a site worth saving for all you wannabe HB superhet receiver artists out there!

http://www.angelfire.com/electronic/funwithtubes/IF_Can-1.html

~73~ de Eddy VE3CUI - VE3XZ

5762. Re: [AWA Group] 1923 Canadian Radio

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 20:01:28 UTC
From: Louis Vermond
Topic: 5760 Message: 5762

3HC G. H. Deane 385 Wellesley Street, Toronto.

Not Fred. Had always assumed.

5763. "3XN"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 20:09:16 UTC
From: Eddy Swynar
Topic: 5763 Message: 5763
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Lou,

I did a check of "3XN" just now on the site (see below)---OM Langford is the Ham whose old QSTs I received from the library at Western several years back...

~73~ de Eddy VE3CUI - VE3XZ

KWARC Online Database
1923 Radio search results

Your query returned exactly one match.

Call Name Location Wavelength
(broadcast only)
3XN C. H. Langford 258 Cheapside Street, London.

5764. Re: [AWA Group] 1923 Canadian Radio

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 20:15:19 UTC
From: Louis Vermond
Topic: 5760 Message: 5764
Attachments: 1 described; binary payloads are missing from this source WARC

E.g., Call Name Location Wavelength
(broadcast only)
3BD R. H. Stainton 521 Gladstone Avenue, Toronto.

You know Eddy, with a list of address, city map, coveralls & a couple of good flashlights we could go exploring attics. Hmmmm

5765. RE: [AWA Group] 1923 Canadian Radio

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 20:25:49 UTC
From: Mike Feher
Topic: 5760 Message: 5765
Attachments: 1 described; binary payloads are missing from this source WARC

What a bunch of junk -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, February 27, 2012 3:15 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 1923 Canadian Radio

E.g.,

Call

Name

Location

Wavelength
(broadcast only)

3BD

R. H. Stainton

521 Gladstone Avenue, Toronto.

You know Eddy, with a list of address, city map, coveralls & a couple of good flashlights we could go exploring attics. Hmmmm

5766. Re: [AWA Group] 1923 Canadian Radio

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 20:36:12 UTC
From: Louis Vermond
Topic: 5760 Message: 5766
Attachments: 1 described; binary payloads are missing from this source WARC

What a bunch of junk - Yup, floor sweepings...

5767. Re: [AWA Group] "3XN"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 20:49:10 UTC
From: Louis Vermond
Topic: 5763 Message: 5767
Attachments: 1 described; binary payloads are missing from this source WARC

I did a check of "3XN" just now on the site (see below)---OM Langford is the Ham whose old QSTs I received from the library at Western several years back...

Maybe some things were missed?

5768. WOWzer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 21:52:24 UTC
From: Louis Vermond
Topic: 5768 Message: 5768

QST Magazine October 1916 Vol. 1 No. 11 Pristene Condition
Winning bid: US $261.00

5769. Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-27 21:58:45 UTC
From: Don Dulmage
Topic: 5711 Message: 5769

Today I cut out the holes for the two meters. Volts and MA. I have been saving a vintage bakelite pair for just such a project. I hope to finsh all front panel stuff today then clean sand and paint . I am thinking Crinkle black if I can find it. If not i know a good way to fake it we use in the vintage car stuff.
I dont know why but the thought of this particular rig I find exciting. I built it on a old chassis. I cut around the outside of the chassis with my sabre saw leaving a small lip about 3.8" wide then cut a fresh aluminum plate to drop on and bolt down. fresh chassis , No bending and yes I cheated. I left the transformer mounted in its original spot. I think I will do this with all my scrap chassis. Cleans them up and saves me money too.
Don

5770. Homebrewed Components, Part DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-28 12:25:36 UTC
From: Eddy Swynar
Topic: 5770 Message: 5770

Hi Guys,

Yet another link that might find favour with ye of "...the sweat & solder set":

http://www.eham.net/articles/5217

~73~ de Eddy VE3CUI - VE3XZ

5771. Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-28 19:59:30 UTC
From: Don Dulmage
Topic: 5711 Message: 5771
Attachments: 1 described; binary payloads are missing from this source WARC

Time to take apart for paint. I am looking for Wrinkle black .
Don VE3LYX

5772. Re: [AWA Group] Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-28 20:42:20 UTC
From: Louis Vermond
Topic: 5711 Message: 5772

Now that's Ham Radio! FB...

----- Original Message -----
From: Don Dulmage
To: AWAGroup@yahoogroups.com
Sent: 2012-02-28 2:59 PM
Subject: [AWA Group] Re: Strange Looking VT-25 Tube

Time to take apart for paint. I am looking for Wrinkle black .
Don VE3LYX

5773. Re: [AWA Group] Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-28 20:43:58 UTC
From: Leonard Meek
Topic: 5711 Message: 5773

Try an Auto Parts store. Not many other places carry wrinkle paint. Another one that's hard to find is crackle finish paint.

Leonard
----- Original Message -----
From: Don Dulmage
To: AWAGroup@yahoogroups.com
Sent: Tuesday, February 28, 2012 9:59 AM
Subject: [AWA Group] Re: Strange Looking VT-25 Tube

Time to take apart for paint. I am looking for Wrinkle black .
Don VE3LYX

5774. Re: [AWA Group] Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-28 23:47:31 UTC
From: Jim Robson
Topic: 5711 Message: 5774

Friendly fyi: Tremclad has worked for me. Ignore the instructions.
Choose your colour, let it dry overnight (12 hrs), and spray it again.
The thinners in the fresh top coat will wrinkle the original coat.
Jim/VE3BHK.

On 28/02/12 3:43 PM, Leonard Meek wrote:
>
> Try an Auto Parts store. Not many other places carry wrinkle paint.
> Another one that's hard to find is crackle finish paint.
> Leonard
>
> ----- Original Message -----
> *From:* Don Dulmage <mailto:big-d@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* Tuesday, February 28, 2012 9:59 AM
> *Subject:* [AWA Group] Re: Strange Looking VT-25 Tube
>
> Time to take apart for paint. I am looking for Wrinkle black .
> Don VE3LYX
>
>

5775. Re: Wrinkle paint

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-29 00:49:50 UTC
From: Don Dulmage
Topic: 1421 Message: 5775

Tis true that tremclad always wrinkes when you dont want to but I found a way to get a similar fnish and I use it on my vintage engie builds. I never have to worry, It works everytime. I spray with Krylon Stone finish which is available in black but has some white flecks. I then spray it flat black while it is still a bit wet. I did the valve covers and the air cleaner for my 63 Dodge 426 max wedge that way in 2000. Never had to retouch them since. And no one (not even the buttpains) has ever commented that it didnt look right. I bought the paint and it is sitting here now. First I have to take it apart and file the edges and lightly sand it. Also tis good to treat aluminum with a wipe of Vinager first. Tonite I did the absorbtion test on the PA coil. It tunes from 6.2 to 7.0 mcs. Too many turns. I will remove 2 turns and it will be well centred in 40M . Ever wonder why they just didnt build a meter in all Sig Gens? Anyway the absorbtion method works. Just takes a bit longer. I am thinking I need a Bomber jacket to run this radio and some of those old Ally big leather covered earphones. I have a set of US ones but they are not as big. I dont think I will put a key jack in. I have more than enuf CW rigs. I believe the mic is right . Don VE3LYX

5776. Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-29 16:03:05 UTC
From: Louis Vermond
Topic: 5776 Message: 5776

Please show me an example when I'm there next.... Lou

5777. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-29 23:05:21 UTC
From: Roger Kuchera
Topic: 5776 Message: 5777

Gentlemen,

Let me throw in my 2 cents worth on the issue of wrinkle/crackle finish painting. There have been several suggestions made in various issues of Electric Radio but I have developed my own methodology. At least one of the ER articles suggested that heat is the key to getting a good, fine finish and that issue I concur. The basics are:

1. The article should have all corrosion removed (rust, scale, etc).
2. It should be HOSPITAL clean. Use Alcohol, Lacquer Thinner or the like in a well ventilated area. . All grease, fingerprints, etc. wiped clean. Use as lint-free a rag as possible. I like old T-shirts myself.
3. Make plans to paint ONE side at a time!
4. Preheat the article to about 150 degs. F.
5. Let the article cool a bit and spray on a heavy coat. Put on a second coat 10 or 15 minutes later.
6. Return the article to the heat source and heat to 150 degs. Crackling should appear quickly (1 to 4 minutes).
7. DO not use too much heat as the paint will blister.
8. Let the article air dry for 24 hours. I didn't promise this method was quick nor should this be taken as a guarantee.

As to the paint used: I have found the VHT High Temperature Wrinkle Plus not nearly as good as Krylon 3370 (Black).

CUL, Roger/K1TG

--- On Wed, 2/29/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] Dusty & wrinkles
To: AWAGroup@yahoogroups.com
Date: Wednesday, February 29, 2012, 11:03 AM

Please show me an example when I'm there next.... Lou

5778. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-29 23:58:33 UTC
From: Louis Vermond
Topic: 5776 Message: 5778

That settles that, Roger. Good show...

I'll print out this one. Lou

----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2012-02-29 6:05 PM
Subject: Re: [AWA Group] Dusty & wrinkles

Gentlemen,
Let me throw in my 2 cents worth on the issue of wrinkle/crackle finish painting. There have been several suggestions made in various issues of Electric Radio but I have developed my own methodology. At least one of the ER articles suggested that heat is the key to getting a good, fine finish and that issue I concur. The basics are:

1. The article should have all corrosion removed (rust, scale, etc).
2. It should be HOSPITAL clean. Use Alcohol, Lacquer Thinner or the like in a well ventilated area. . All grease, fingerprints, etc. wiped clean. Use as lint-free a rag as possible. I like old T-shirts myself.
3. Make plans to paint ONE side at a time!
4. Preheat the article to about 150 degs. F.
5. Let the article cool a bit and spray on a heavy coat. Put on a second coat 10 or 15 minutes later.
6. Return the article to the heat source and heat to 150 degs. Crackling should appear quickly (1 to 4 minutes).
7. DO not use too much heat as the paint will blister.
8. Let the article air dry for 24 hours. I didn't promise this method was quick nor should this be taken as a guarantee.

As to the paint used: I have found the VHT High Temperature Wrinkle Plus not nearly as good as Krylon 3370 (Black).

CUL, Roger/K1TG

--- On Wed, 2/29/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@sympatico.ca>
Subject: [AWA Group] Dusty & wrinkles
To: AWAGroup@yahoogroups.com
Date: Wednesday, February 29, 2012, 11:03 AM

Please show me an example when I'm there next.... Lou

5779. Re: [AWA Group] Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 00:40:37 UTC
From: Larry Szendrei
Topic: 5711 Message: 5779

On 2/28/2012 2:59 PM, Don Dulmage wrote:
>
> Time to take apart for paint. I am looking for Wrinkle black .
> Don VE3LYX
>
>
I get mine at NAPA - it's the Krylon brand.

5780. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 01:16:11 UTC
From: Larry Szendrei
Topic: 5776 Message: 5780
Attachments: 2 described; binary payloads are missing from this source WARC

On 2/29/2012 6:05 PM, Roger Kuchera wrote:
>
> Gentlemen,
> Let me throw in my 2 cents worth on the issue of wrinkle/crackle
> finish painting.
> There have been several suggestions made in various issues of Electric
> Radio but I
> have developed my own methodology. At least one of the ER articles
> suggested that
> heat is the key to getting a good, fine finish and that issue I
> concur. The basics are:
> 1. The article should have all corrosion removed (rust, scale, etc).
> 2. It should be HOSPITAL clean. Use Alcohol, Lacquer Thinner or the
> like in a well
> ventilated area. . All grease, fingerprints, etc. wiped clean.
> Use as lint-free a rag
> as possible. I like old T-shirts myself.
> 3. Make plans to paint ONE side at a time!
> 4. Preheat the article to about 150 degs. F.
> 5. Let the article cool a bit and spray on a heavy coat. Put on a
> second coat 10 or 15
> minutes later.
> 6. Return the article to the heat source and heat to 150 degs.
> Crackling should appear
> quickly (1 to 4 minutes).
> 7. DO not use too much heat as the paint will blister.
> 8. Let the article air dry for 24 hours. I didn't promise this method
> was quick nor should
> this be taken as a guarantee.
> As to the paint used: I have found the VHT High Temperature Wrinkle
> Plus not nearly
> as good as Krylon 3370 (Black).
>

That's pretty much the method I use, but instead of using the oven I do the job in the 2nd floor of my garage on a hot summer day, and the temperature easily exceeds 100F. I get wrinkle in about an hour or so.

Here's before and after pictures of the panel of an RME-69 I restored a couple of years ago.

73,
-Larry/NE1S

*BEFORE: *

AFTER:

5781. Larry's wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 02:09:16 UTC
From: Louis Vermond
Topic: 5781 Message: 5781
Attachments: 1 described; binary payloads are missing from this source WARC

Good job! Larry.

5782. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 02:39:47 UTC
From: ve7sl@shaw.ca
Topic: 5776 Message: 5782

> Krylon 3370 (Black).

I don't think I've ever seen this in Canada...how about you Lou?

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5783. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 02:45:59 UTC
From: Louis Vermond
Topic: 5776 Message: 5783

> Krylon 3370 (Black).

I don't think I've ever seen this in Canada...how about you Lou?

No... Understand that Harley Davidson carries wrinkle. Has anyone tried that? Lou

5784. RE: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 03:16:51 UTC
From: Carl Nord
Topic: 5776 Message: 5784
Attachments: 2 described; binary payloads are missing from this source WARC

Not sure but I have seen some real wrinkles riding Harleys

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, February 29, 2012 9:46 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Dusty & wrinkles

> Krylon 3370 (Black).

I don't think I've ever seen this in Canada...how about you Lou?

No... Understand that Harley Davidson carries wrinkle. Has anyone tried that? Lou

5785. Re: Strange Looking VT-25 Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-02-29 20:56:43 UTC
From: Don Dulmage
Topic: 5711 Message: 5785

Painted and curing. I reworked the tank coil and finished that part completely including the coax from the tank out.
Don VE3LYX

5786. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 04:20:46 UTC
From: Louis Vermond
Topic: 5776 Message: 5786

...and their Motorcycle Mamas.

----- Original Message -----
From: Carl Nord
To: AWAGroup@yahoogroups.com
Sent: 2012-02-29 10:16 PM
Subject: RE: [AWA Group] Dusty & wrinkles

Not sure but I have seen some real wrinkles riding Harleys

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, February 29, 2012 9:46 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Dusty & wrinkles

> Krylon 3370 (Black).

I don't think I've ever seen this in Canada...how about you Lou?

No... Understand that Harley Davidson carries wrinkle. Has anyone tried that? Lou

5787. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 06:01:23 UTC
From: Roger Kuchera
Topic: 5776 Message: 5787

I found it on the Net at AutoBarn. Two cans (12 ozs. each) with shipping was $15 USD.
It must be shipped by FedEx or UPS.

Roger.

--- On Wed, 2/29/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] Dusty & wrinkles
To: AWAGroup@yahoogroups.com
Date: Wednesday, February 29, 2012, 11:20 PM

...and their Motorcycle Mamas.

----- Original Message -----
From: Carl Nord
To: AWAGroup@yahoogroups.com
Sent: 2012-02-29 10:16 PM
Subject: RE: [AWA Group] Dusty & wrinkles

Not sure but I have seen some real wrinkles riding Harleys

Carl Nord
WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, February 29, 2012 9:46 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Dusty & wrinkles

> Krylon 3370 (Black).

I don't think I've ever seen this in Canada...how about you Lou?

No... Understand that Harley Davidson carries wrinkle. Has anyone tried that? Lou

5788. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 12:09:05 UTC
From: Eddy Swynar
Topic: 5776 Message: 5788

On 2012-02-29, at 9:45 PM, Louis Vermond wrote:

> Understand that Harley Davidson carries wrinkle. Has anyone tried that? Lou
>
>

Hi Lou,

Some years ago Harley-Davidson shops here in Durham Region sold their own labelled wrinkle paint for the astronomical sum of some $20.00---and as I say, that was YEARS ago.

Wait until the next time you might visit the USA, then go to one of the many automotive supply jobs that dot the landscape---"Pep Boys" comes immediately to mind. Stock-up on wrinkle finish black paint there for some five bucks (or less) per can.

My technique to ensure a good wrinkle finish even with this paint...?

(1) Spray ONLY on a warm day;

(2) Apply a heavy coat;

(3) Dry the panel painted in your oven, pre-set to some 150F, or so, for about a half hour, to ensure the panel wrinkles evenly---and make sure you have a bowl of water inside the oven before you place the panel inside (wrinkle finishes need humidity to work right), and finally, and MOST IMPORTANTLY,

(4) Make sure the XYL has left for the day to go shopping before you commence the drying process---and leave the kitchen window open!

~73~ de Eddy VE3CUI - VE3XZ

5789. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 12:12:11 UTC
From: Eddy Swynar
Topic: 5776 Message: 5789

Hi Larry,

You do good work, no doubt about it...!

Yes, I would hasten to add Roger's warning about NOT leaving the panel in the oven for too long, on risk of blistering. VERY good point.

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-02-29, at 8:16 PM, Larry Szendrei wrote:

> On 2/29/2012 6:05 PM, Roger Kuchera wrote:
>>
>> Gentlemen,
>> Let me throw in my 2 cents worth on the issue of wrinkle/crackle finish painting.
>> There have been several suggestions made in various issues of Electric Radio but I
>> have developed my own methodology. At least one of the ER articles suggested that
>> heat is the key to getting a good, fine finish and that issue I concur. The basics are:
>>
>> 1. The article should have all corrosion removed (rust, scale, etc).
>> 2. It should be HOSPITAL clean. Use Alcohol, Lacquer Thinner or the like in a well
>> ventilated area. . All grease, fingerprints, etc. wiped clean. Use as lint-free a rag
>> as possible. I like old T-shirts myself.
>> 3. Make plans to paint ONE side at a time!
>> 4. Preheat the article to about 150 degs. F.
>> 5. Let the article cool a bit and spray on a heavy coat. Put on a second coat 10 or 15
>> minutes later.
>> 6. Return the article to the heat source and heat to 150 degs. Crackling should appear
>> quickly (1 to 4 minutes).
>> 7. DO not use too much heat as the paint will blister.
>> 8. Let the article air dry for 24 hours. I didn't promise this method was quick nor
should
>> this be taken as a guarantee.
>>
>> As to the paint used: I have found the VHT High Temperature Wrinkle Plus not nearly
>> as good as Krylon 3370 (Black).
>
> That's pretty much the method I use, but instead of using the oven I do the job in the
2nd floor of my garage on a hot summer day, and the temperature easily exceeds 100F. I get
wrinkle in about an hour or so.
>
> Here's before and after pictures of the panel of an RME-69 I restored a couple of years
ago.

```
>
> 73,
> -Larry/NE1S
>
> BEFORE:
> <cebhecaj.png>
>
>
> AFTER:
> <ejfdcfha.png>
```

5790. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 15:49:36 UTC
From: Roger Kuchera
Topic: 5776 Message: 5790

Gentlemen,
Not to put to fine a point on finishes but even new metal should be scuffed with a fine
sandpaper and wiped down. It gives the paint something to adhere to.

I'm looking for the ER issues that I referenced, when I find them I will pass along the
info or scans if need be.

CUL, Roger/K1TG

--- On Thu, 3/1/12, Eddy Swynar <deswynar@xplornet.ca> wrote:

From: Eddy Swynar <deswynar@...>
Subject: Re: [AWA Group] Dusty & wrinkles
To: AWAGroup@yahoogroups.com
Date: Thursday, March 1, 2012, 7:12 AM

Hi Larry,

You do good work, no doubt about it...!

Yes, I would hasten to add Roger's warning about NOT leaving the panel in the oven for too long, on risk of blistering. VERY good point.

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-02-29, at 8:16 PM, Larry Szendrei wrote:

On 2/29/2012 6:05 PM, Roger Kuchera wrote:

Gentlemen,
Let me throw in my 2 cents worth on the issue of wrinkle/crackle finish painting. There have been several suggestions made in various issues of Electric Radio but I have developed my own methodology. At least one of the ER articles suggested that heat is the key to getting a good, fine finish and that issue I concur. The basics are:

1. The article should have all corrosion removed (rust, scale, etc).
2. It should be HOSPITAL clean. Use Alcohol, Lacquer Thinner or the like in a well ventilated area. . All grease, fingerprints, etc. wiped clean. Use as lint-free a rag as possible. I like old T-shirts myself.
3. Make plans to paint ONE side at a time!
4. Preheat the article to about 150 degs. F.
5. Let the article cool a bit and spray on a heavy coat. Put on a second coat 10 or 15 minutes later.

6. Return the article to the heat source and heat to 150 degs. Crackling should appear quickly (1 to 4 minutes).
7. DO not use too much heat as the paint will blister.
8. Let the article air dry for 24 hours. I didn't promise this method was quick nor should this be taken as a guarantee.

As to the paint used: I have found the VHT High Temperature Wrinkle Plus not nearly as good as Krylon 3370 (Black).

That's pretty much the method I use, but instead of using the oven I do the job in the 2nd floor of my garage on a hot summer day, and the temperature easily exceeds 100F. I get wrinkle in about an hour or so.

Here's before and after pictures of the panel of an RME-69 I restored a couple of years ago.

73,
-Larry/NE1S

BEFORE:
<cebhecaj.png>

AFTER:
<ejfdcfha.png>

5791. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 15:56:12 UTC
From: Eddy Swynar
Topic: 5776 Message: 5791

On 2012-03-01, at 10:49 AM, Roger Kuchera wrote
>
> Not to put to fine a point on finishes but even new metal should be scuffed with a fine
> sandpaper and wiped down. It gives the paint something to adhere to.
>
> I'm looking for the ER issues that I referenced, when I find them I will pass along the
> info or scans if need be.
>
>

RULE #1 WHEN PAINTING ALUMINUM: Do NOT use "regular" primer!!!

ALWAYS use that primer specifically designed for galvanized metal / aluminum...all the scuff sanding in the world won't keep the finished coat from peeling off of aluminum in time, if you don't do this...

At least that's been MY experience here...

~73~ de Eddy VE3CUI - VE3XZ

5792. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 16:02:32 UTC
From: Roger Kuchera
Topic: 5776 Message: 5792

It's sounds like we are developing a compendium of finishing techniques. Someone ought to right this all down and put it on the AWA site. Yes? No?

FYI: Ed, The best Aluminum primer is no longer allowed here in the US. Zinc Chromate was the berries. Unfortunately, the tree huggers have taken over down here.

Roger.

--- On Thu, 3/1/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@...>
Subject: Re: [AWA Group] Dusty & wrinkles
To: AWAGroup@yahoogroups.com
Date: Thursday, March 1, 2012, 10:56 AM

On 2012-03-01, at 10:49 AM, Roger Kuchera wrote

Not to put to fine a point on finishes but even new metal should be scuffed with a fine
sandpaper and wiped down. It gives the paint something to adhere to.

I'm looking for the ER issues that I referenced, when I find them I will pass along the
info or scans if need be.

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At least that's been MY experience here...

~73~ de Eddy VE3CUI - VE3XZ

5793. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 17:14:06 UTC
From: Leonard Meek
Topic: 5776 Message: 5793

Wiping down with vinegar helps too. That's what we did in the Navy.

Leonard
----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: Thursday, March 01, 2012 5:56 AM
Subject: Re: [AWA Group] Dusty & wrinkles

On 2012-03-01, at 10:49 AM, Roger Kuchera wrote

Not to put to fine a point on finishes but even new metal should be scuffed with a fine sandpaper and wiped down. It gives the paint something to adhere to.

I'm looking for the ER issues that I referenced, when I find them I will pass along the info or scans if need be.

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At least that's been MY experience here...

~73~ de Eddy VE3CUI - VE3XZ

5794. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 17:17:29 UTC
From: Leonard Meek
Topic: 5776 Message: 5794

Good thing I saved my zinc chromate. I still have a can of Glyptal too, and spar varnish, and orange shellac, and toluene.
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: Thursday, March 01, 2012 6:02 AM
Subject: Re: [AWA Group] Dusty & wrinkles

It's sounds like we are developing a compendium of finishing techniques. Someone ought to right this all down and put it on the AWA site. Yes? No?

FYI: Ed, The best Aluminum primer is no longer allowed here in the US. Zinc Chromate was the berries. Unfortunately, the tree huggers have taken over down here.

Roger.

--- On Thu, 3/1/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@...>
Subject: Re: [AWA Group] Dusty & wrinkles
To: AWAGroup@yahoogroups.com
Date: Thursday, March 1, 2012, 10:56 AM

On 2012-03-01, at 10:49 AM, Roger Kuchera wrote

Not to put to fine a point on finishes but even new metal should be scuffed with a fine sandpaper and wiped down. It gives the paint something to adhere to.

I'm looking for the ER issues that I referenced, when I find them I will pass along the info or scans if need be.

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At least that's been MY experience here...

~73~ de Eddy VE3CUI - VE3XZ

5795. AM BC Transmitter Available...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 17:59:28 UTC
From: Eddy Swynar
Topic: 5795 Message: 5795

Hi Guys,

In case anyone is interested, I just came across this ad (see below) on THE ONTARIO SWAP SHOP listings...

~73~ de Eddy VE3CUI - VE3XZ

Keith Densmore VE3TS [705-335-5585] in Val Rita ON has listed the following:

For Sale (last updated 02-26-2012, listed 02-26-2012)
Manufacturer: RCA BROADCAST TX
Model: RCA BTA 1R1
Price: Offers/Negotiable
Plan a fishing trip up to Northern Ontario this spring and bring back the biggest catch of all, a 1000 watt RCA Broadcast Transmitter. This rig is complete comes with lots of extras and is unmodified, currently crystaled on 1230 KHZ. A pair of 4-400's modulated by a pair of 4-400's can produce an output of 1200 watts carrier. This is a remote version so you can put the transmitter in the basement and operate it from the shack. I also have several RCA receivers if you want to have a complete station. Please email me if you are interested.

5796. Re: Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 21:08:43 UTC
From: Don Dulmage
Topic: 5776 Message: 5796
Attachments: 1 described; binary payloads are missing from this source WARC

Crappy tire carries krylon but not all. Howver here is the results I get with my method.
Don VE3LYX

5797. Re: [AWA Group] Re: Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 21:36:20 UTC
From: Louis Vermond
Topic: 5776 Message: 5797

FB, but you know Don, this means restoring that Na-Ald dial. Lou

----- Original Message -----
From: Don Dulmage
To: AWAGroup@yahoogroups.com
Sent: 2012-03-01 4:08 PM
Subject: [AWA Group] Re: Dusty & wrinkles

Crappy tire carries krylon but not all. Howver here is the results I get with my method.
Don VE3LYX

5798. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 23:28:44 UTC
From: Roger Kuchera
Topic: 5776 Message: 5798

In my Navy days, we holystoned the deck and washed it down with salt water! :) :)

Roger.

--- On Thu, 3/1/12, Leonard Meek <lemeek@...> wrote:

From: Leonard Meek <lemeek@...>
Subject: Re: [AWA Group] Dusty & wrinkles
To: AWAGroup@yahoogroups.com
Date: Thursday, March 1, 2012, 12:14 PM

#yiv2025452335 .yiv2025452335ygrp-photo-title {
TEXT-ALIGN:center;WIDTH:75px;HEIGHT:15px;CLEAR:both;FONT-SIZE:smaller;OVERFLOW:hidden;}
#yiv2025452335 DIV.yiv2025452335ygrp-photo {
BORDER-BOTTOM:black 1px solid;BORDER-LEFT:black 1px solid;BACKGROUND-COLOR:white;WIDTH:62p
x;BACKGROUND-REPEAT:no-repeat;BACKGROUND-POSITION:center 50%;HEIGHT:62px;BORDER-TOP:black
1px solid;BORDER-RIGHT:black 1px solid;}
#yiv2025452335 DIV.yiv2025452335photo-title A {
TEXT-DECORATION:none;}
#yiv2025452335 DIV.yiv2025452335photo-title A:active {
TEXT-DECORATION:none;}
#yiv2025452335 DIV.yiv2025452335photo-title A:hover {
TEXT-DECORATION:none;}
#yiv2025452335 DIV.yiv2025452335photo-title A:visited {
TEXT-DECORATION:none;}
#yiv2025452335 DIV.yiv2025452335attach-table DIV.yiv2025452335attach-row {
CLEAR:both;}
#yiv2025452335 DIV.yiv2025452335attach-table DIV.yiv2025452335attach-row DIV {
FLOAT:left;}
#yiv2025452335 P {
PADDING-BOTTOM:3px;PADDING-LEFT:0px;PADDING-RIGHT:0px;CLEAR:both;OVERFLOW:hidden;PADDING-T
OP:15px;}
#yiv2025452335 DIV.yiv2025452335ygrp-file {
WIDTH:30px;}
#yiv2025452335 DIV.yiv2025452335attach-table DIV.yiv2025452335attach-row DIV DIV A {
TEXT-DECORATION:none;}
#yiv2025452335 DIV.yiv2025452335attach-table DIV.yiv2025452335attach-row DIV DIV SPAN {
FONT-WEIGHT:normal;}
#yiv2025452335 DIV.yiv2025452335ygrp-file-title {
FONT-WEIGHT:bold;}

Wiping down with vinegar helps too. That's what we did in the Navy.

Leonard

----- Original Message -----
From: Eddy Swynar

To: AWAGroup@yahoogroups.com
Sent: Thursday, March 01, 2012 5:56 AM
Subject: Re: [AWA Group] Dusty & wrinkles

On 2012-03-01, at 10:49 AM, Roger Kuchera wrote

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At least that's been MY experience here...

~73~ de Eddy VE3CUI - VE3XZ

5799. Re: [AWA Group] Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-01 23:34:59 UTC
From: Leonard Meek
Topic: 5776 Message: 5799

You must have been on a Battleship. I was a shiprider on the Missouri during my final days with NavSea.

Leonard

----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: Thursday, March 01, 2012 1:28 PM
Subject: Re: [AWA Group] Dusty & wrinkles

In my Navy days, we holystoned the deck and washed it down with salt water! :) :)

Roger.

--- On Thu, 3/1/12, Leonard Meek <lemeek@hawaiiantel.net> wrote:

From: Leonard Meek <lemeek@...>
Subject: Re: [AWA Group] Dusty & wrinkles
To: AWAGroup@yahoogroups.com
Date: Thursday, March 1, 2012, 12:14 PM

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Leonard
----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: Thursday, March 01, 2012 5:56 AM
Subject: Re: [AWA Group] Dusty & wrinkles

On 2012-03-01, at 10:49 AM, Roger Kuchera wrote

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At least that's been MY experience here...

~73~ de Eddy VE3CUI - VE3XZ

5800. Class B linear design questions-driving power

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-03 00:33:04 UTC
From: Jon
Topic: 5800 Message: 5800

1. When the data sheet says "Driving Power 15 approx. watts...At crest of a-f cycle," does it mean that this is 15 watts carrier power, average 100% modulated power (1.5 times carrier power) or peak instantaneous 100% modulated power (4 times carrier power)?

2. When it says "Driving Power...Subject to wide variations as explained on sheet TRANS. TUBE RATINGS," what % variation should the driver be designed to handle?

3. What % of the total driving power should be dissipated by the swamping resistor?

5801. [AWA Group] Re: Dusty & wrinkles

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-03 12:22:41 UTC
From: Don
Topic: 5776 Message: 5801

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>Na-Ald dial? You mean the big bakelite thing. If so I am into fixing that. It isnt hard . Just takes time. First I wantto wire the set.I am getting really interested in minimalist AM sets. This is one but the TBX 4 (or 6)US Navy transmiter interests me too but I havent found a stand alone schematic of the Transmitter yet.
Don VE3LYX
> FB, but you know Don, this means restoring that Na-Ald dial. Lou
>
>
> ----- Original Message -----
> From: Don Dulmage
> To: AWAGroup@yahoogroups.com
> Sent: 2012-03-01 4:08 PM
> Subject: [AWA Group] Re: Dusty & wrinkles
>
>
>
>
> Crappy tire carries krylon but not all. Howver here is the results I get with my method.
> Don VE3LYX
>

5802. grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-03 12:26:48 UTC
From: Don
Topic: 5802 Message: 5802

While I waited fr the Post Office Donkey to get my newcrystals for my AM transmitter here I taught myself to regrind my own. I moved a 3680 to 3724.7 aming for 3725. Very interesting deal. Always a good day when you learn a new skill. I have lots of non ham rock that are close so I may never need to buy another Crystal.
Don VE3LYX

5803. Re: [AWA Group] grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-03 16:25:30 UTC
From: P. MICHAEL MCGINNIS
Topic: 5802 Message: 5803

What do you use for the grinding compound? I tried to grind crystals on a flat glass surface as recommended in the literature using a jewelers compound but always over shoot the mark I'm aiming for. And it never seems to be ground perfectly flat resulting in uneven grinding. I do grind in a circular motion but it never quite works out as well as I had hoped. I guess I need to work on my technique.

Mike N6TYF (Tune Your Final)

From: Don <big-d@...>
To: AWAGroup@yahoogroups.com
Sent: Sat, March 3, 2012 4:26:48 AM
Subject: [AWA Group] grinding crystals

While I waited fr the Post Office Donkey to get my newcrystals for my AM transmitter here I taught myself to regrind my own. I moved a 3680 to 3724.7 aming for 3725. Very interesting deal. Always a good day when you learn a new skill. I have lots of non ham rock that are close so I may never need to buy another Crystal.

Don VE3LYX

Yahoo! Groups Links

http://docs.yahoo.com/info/terms/

5804. Re: [AWA Group] grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-03 16:36:13 UTC
From: Eddy Swynar
Topic: 5802 Message: 5804

On 2012-03-03, at 11:25 AM, P. MICHAEL MCGINNIS wrote:

>
> What do you use for the grinding compound? I tried to grind crystals on a flat glass surface as recommended in the literature using a jewelers compound but always over shoot the mark I'm aiming for. And it never seems to be ground perfectly flat resulting in uneven grinding. I do grind in a circular motion but it never quite works out as well as I had hoped. I guess I need to work on my technique.

Hi Mike,

Some years ago, there was a piece in ELECTRIC RADIO magazine that demonstrated a very simple procedure to grind crystals. I tried it, & lo & behold it actually worked for me, allowing me raise the resonant frequency of a 40-meter FT-243 "rock" up from 7060-KHz, to a whopping 7295-KHz!

If I remember, you start-out with a flat, hard surface, like a pane of glass. You then get some very fine-grained sandpaper, wet it, then lay it flat atop the surface. Next, using just your index finger, you rubbed the crystal against the sandpaper in a figure-8 motion. Count how many "circuits" you completed that way, then invert the crystal & repeat.

Every so often rinse the crystal with water, dry it, then check its resonance to guage progress. If the crystal refuses to oscillate, re-grind it lightly again, emphasizing finger pressure on the crystal evenly.

There was also a good way of LOWERING the resonant frequency if you overshot your target. I've heard that rubbing the lead end of an ordinary pencil on the surface of the "rock" will suffice, but there is a more "permanent" & stable application that one can paint onto the crystal---but for the life of me I can't recall what that material was!

~73~ de Eddy VE3CUI - VE3XZ

5805. Re: [AWA Group] grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-03 16:49:31 UTC
From: Louis Vermond
Topic: 5802 Message: 5805

I've used Eddy's suggested method* is well to good effect. Recall using 600 grit wet & dry paper boarder taped onto the plate glass.

"Try it, you'll like it."

Lou

* From ur beloved, "Understanding Amateur Radio".

On 2012-03-03, at 11:25 AM, P. MICHAEL MCGINNIS wrote:

What do you use for the grinding compound? I tried to grind crystals on a flat glass surface as recommended in the literature using a jewelers compound but always over shoot the mark I'm aiming for. And it never seems to be ground perfectly flat resulting in uneven grinding. I do grind in a circular motion but it never quite works out as well as I had hoped. I guess I need to work on my technique.

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~73~ de Eddy VE3CUI - VE3XZ

5806. Re: grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-03 18:06:01 UTC
From: Niel - W0VLZ
Topic: 5802 Message: 5806

I've also had good luck using wet fine grit sandpaper. See
http://w0vlz.blogspot.com/search/label/Grinding%20Transmitting%20Crystals .

73,
Niel - W0VLZ

5807. Re: [AWA Group] Re: grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-03 18:47:11 UTC
From: Louis Vermond
Topic: 5802 Message: 5807

I've also had good luck using wet fine grit sandpaper. Niel - W0VLZ

Thank you, Mr. Grammer....

Lou

5808. Re: [AWA Group] Re: grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-03 23:41:43 UTC
From: P. MICHAEL MCGINNIS
Topic: 5802 Message: 5808

OK; fine grain wet sandpaper it is. I will try that. Thanks.

Mike N6TYF

From: Louis Vermond <ldvermond@sympatico.ca>
To: AWAGroup@yahoogroups.com
Sent: Sat, March 3, 2012 10:47:11 AM
Subject: Re: [AWA Group] Re: grinding crystals

I've also had good luck using wet fine grit sandpaper. Niel - W0VLZ

Thank you, Mr. Grammer....

Lou

5809. Re: [AWA Group] grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-04 02:59:00 UTC
From: john_kb7nrn
Topic: 5802 Message: 5809

For my initial crystal grinding 20 some years ago I used Ajax cleanser and toothpaste as grinding agents. The Ajax will take more off faster so it's for coarse grinding. The toothpaste is for fine grinding when you want to nudge the freq up a little.

In the last few years I've used regular sand paper and (better yet) emery cloth. Obviously coarse grit moves the freq faster and fine grit slower.

Regardless of the grinding agent always use a little water and all grinding was done on a peice of glass. My current glass base is 3/4" think and 10" diameter. I don't worry about the glass flexing!

The figure 8 pattern Eddy mentioned helps to keep the surface even. Some hams I have read recommend only grinding one side and others recommend both. The idea behind grinding only one side is to preserve an original surface to use as a reference to check thickness for uniformity. Some suggest using a micrometer to measure thickness.

I have used both methodes with good results and I've never used a micrometer.

If a crystal no longer oscillates after grinding, lightly grinding the edges will usually cause it to start working again. Some recommend to lightly flat grind the edge and others say to bevel the edge.

Again, I have used both methods and they both work. I would examine the quartz element first and grind the edge, if needed, the way the factory did. If it's a flat grind then keep it flat and conversly if it's beveled then by all means bevel the edge. This only applies IF the crystal stops oscillting. And remember, lighly grind all four edges, just a couple of strokes.

As far as moving a crystal down in freq, it will only move a few kc at the most and is not reliable. It is better to get the crystal close but still below the desired freq and then using either a fine grit agent or just a few rotations or a combination of both and a lot of checking the freq to slowly nudge up to you freq. Take your tim and don't get in a hurry and you'll do fine.

John
KB7NRN

--- In AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@...> wrote:
>
>
> On 2012-03-03, at 11:25 AM, P. MICHAEL MCGINNIS wrote:
>
> >
> > What do you use for the grinding compound? I tried to grind crystals on a flat glass surface as recommended in the literature using a jewelers compound but always over shoot the mark I'm aiming for. And it never seems to be ground perfectly flat resulting in uneven grinding. I do grind in a circular motion but it never quite works out as well as I had

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> Every so often rinse the crystal with water, dry it, then check its resonance to guage progress. If the crystal refuses to oscillate, re-grind it lightly again, emphasizing finger pressure on the crystal evenly.
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>
> ~73~ de Eddy VE3CUI - VE3XZ
>

5810. My Hartley Project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-04 20:08:15 UTC
From: barry whittemore
Topic: 5810 Message: 5810

I have put some pictures up of my 40 meter Hartley project.
They are in Photos section under NF1O
Barry
NF1O

5811. Re: grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-04 20:47:56 UTC
From: Don Dulmage
Topic: 5802 Message: 5811

First I tried crocus cloth and was able to ove it almost 1/2 KC up after about an hour. Continuous checking. So then I thought that over for a day. I looked up a 1948 AARL handbook ad it had a page and a half. They used paste but that is their problem They started with 300 went to 600. Like Ed said of it wont oscillate do the edges and it said to use coarse on the edges. SO I had down in my fiddle making shop some glass used for scraping and an unopened pack of finishing wet sand paper. First was 310 grit. (Right on!) second sheet was 420 and the final was 600 . Any abrasive may be used dry but once you use it wet it must always be used wet so I elected dry. I have a TTL chip osc I use here for spotting crystals and it will take any style case. (corcodile clips)I made it years ago for a couple of $. Very useful tool. So I started rough cutting and checking everytime that little voice inside suggested it. (Your subconcious mind is very technical (factual)and has no opinions. I have learned to trust it. One of life's biggest secrets!)Since I am also an automotive machinist I am used to working to close tolerences. IE connecting rod resizing is done to the .0001" tolerence. I would alllow me no measurable tolerence so you learn not to over shoot but ALWAYS undershoot and check often . I snuck up on it going past 3705 and working my way towards 3525 switching to crocus cloth for the last little stretch.. I got close but it didnt want to ocsillate easily so I rough dressed the edges.(310 grit) Instant success and then I rechecked it by now I was at 3724.7. Tim VE6PG who runs the net told me that was close enuf for now so I left it there. I popped it in the big transmitter and it works and is where it is supposed to be. I am sitting on freq now in case the band opens up a bit and I can work someone but there isnt much on this afternoon. I have a lot of crystals close to ham bands but not in them. Rather then throw them out I am going to give it a shot moving them. Nothing to lose and everything to gain. It was easier than I thought however might have been beginners luck too.
Don VE3LYX

5812. Lindsey -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 08:06:46 UTC
From: Mike Feher
Topic: 5812 Message: 5812

Please welcome Lindsey to our group. Maybe she will tell a little about herself on here. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5813. Re: My Hartley Project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 16:11:48 UTC
From: ve7sl@shaw.ca
Topic: 5810 Message: 5813

> I have put some pictures up of my 40 meter Hartley project.
> They are in Photos section under NF1O

Barry - your new project is looking great! I'm looking forward to hearing it on the air one of these nights. Nice woodworking !

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5814. Problem with Johnson matchbox

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 16:28:12 UTC
From: Robert S Jenkins
Topic: 5810 Message: 5814

I thought this would be a good place to ask this question. The and selector switch is hard to turn, to the point of the set screw can not hold the knob on the shaft.

What is the correct way to lubricate this switch?

Thank you

Robert
KG4KGL

Sent from my iPhone

On Mar 5, 2012, at 11:11, ve7sl@... wrote:

>
>
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>> They are in Photos section under NF1O
>
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>
> Steve / 73
>
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>
> Yahoo! Groups Links
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5815. Re: [AWA Group] Problem with Johnson matchbox

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 16:46:08 UTC
From: Louis Vermond
Topic: 5810 Message: 5815

Clean, than re-grease the switch detent (click click click) ball bearings.

Lou

----- Original Message -----
From: Robert S Jenkins
To: AWAGroup@yahoogroups.com
Sent: 2012-03-05 11:28 AM
Subject: [AWA Group] Problem with Johnson matchbox

I thought this would be a good place to ask this question. The and selector switch is hard to turn, to the point of the set screw can not hold the knob on the shaft.

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5816. Hartley antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 16:51:49 UTC
From: barry whittemore
Topic: 5816 Message: 5816

So, I am moving along with my Hartley and was thinking. This will not directly connect to a 50 ohm Coax fed antenna. am i corect?
I am building it for 40 meters, so should i build a ladder line fed dipole to put up?
should i just add the cap with the output Coil and use the coax fed wire vertical?
is theer a better antenna choice for this type of antenna?

Present low band antennas are all wire verticals with 4 raised radials.
they are fed through a remote switch with about 125 feet of coax to the switch and 20 feet of coax from switch to antenna.

I can put a 40 dipole fed with 450 ohm or coax closer to the house temporarily when needed if that would be a better choice.

any thoughts would be appreciated.
Thanks and 73
Barry
NF1O

5817. Re: [AWA Group] Hartley antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 17:35:12 UTC
From: ve7sl@shaw.ca
Topic: 5816 Message: 5817

Barry - your 50 ohm coax-fed antennas can be matched to the '29-style rig's antenna coils with the addition of some series capacity...usually in the form of a large BCB variable. You will see a noticeable increase in plate current (and output) as you resonate the link tuning.

Steve

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any thoughts would be appreciated.
Thanks and 73
Barry
NF1O

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5818. Re: [AWA Group] Hartley antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 17:53:10 UTC
From: Louis Vermond
Topic: 5816 Message: 5818
Attachments: 1 described; binary payloads are missing from this source WARC

Barry - your 50 ohm coax-fed antennas can be matched to the '29-style rig's antenna coils with the addition of some series capacity...usually in the
form of a large BCB variable. You will see a noticeable increase in plate current (and output) as you resonate the link tuning.

5819. Re: Hartley antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 18:13:47 UTC
From: cwopr@embarqmail.com
Topic: 5816 Message: 5819

Hi Barry,
Real nice job on the Hartley. Sure looking forward to hearing/working you. My first entry into the 1920's rigs was a TNT from Dec 1929 QST. The antenna suggested was a off-center fed Hertz...now known as a Windom. I have used this type of antenna for over 10 years and it has worked quite well. It is easy to make, the single feed line can be any convienent length. It can be used on harmonicly related bands, ie..80/40/20. For the TNT, I just tap it (thru a capacitor) to the sweet spot on the tank coil...for the Hartley, I tap it onto a coupling coil. I also use it with other HB rigs. I use a 160m version (at 35 ft thru a lot of pines) with my 1924 Meissner, running about 4 watts input...so far have worked six states and VE3. Just my 2 cents worth on an antenna that has worked quite well here. GL & 73 de Bill K4JYS

--- In AWAGroup@yahoogroups.com, barry whittemore <wb1edi@...> wrote:
>
>
> So, I am moving along with my Hartley and was thinking. This will not directly connect to a 50 ohm Coax fed antenna. am i corect?
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>
> I can put a 40 dipole fed with 450 ohm or coax closer to the house temporarily when needed if that would be a better choice.
>
> any thoughts would be appreciated.
> Thanks and 73
> Barry
> NF1O
>

5820. Re: [AWA Group] Problem with Johnson matchbox

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 18:26:18 UTC
From: Eddy Swynar
Topic: 5810 Message: 5820

On 2012-03-05, at 11:46 AM, Louis Vermond wrote:

>
> Clean, than re-grease the switch detent (click click click) ball bearings.
>

Hi Robert,

Yes, Lou is 101% right on the money with his suggestion...

A few short weeks ago I had an issue with one of the heavy-duty ceramic Centralab switches that I use here to change directions in my 160-meter phased array: the one switch wouldn't "nest" properly near the end of its travel (it's a 4-position switch), resulting in arcing from one of the terminals to ground.

After cleaning everything up, & applying a protective coating of GLYPTOL paint around the wafer, I lubed the detente mechanism of all of the switch wafers, including the little ball-bearings, working the lubricant in by rotating the switch through its travel several times.

It works perfectly now: it easily nests in all positions, and requires considerably less force to rotate, too...

The lubricant I used...? Just a few dollops of ordinary, everyday "Vaseline"-brand petroleum jelly...

~73~ de Eddy VE3CUI - VE3XZ

5821. Re: Lindsey -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 22:45:07 UTC
From: Don Dulmage
Topic: 5812 Message: 5821

Welcome Lindsey,
Don Ve3LYX

5822. Re: grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 22:49:48 UTC
From: Don Dulmage
Topic: 5802 Message: 5822

BTW I had a successful qso on 3725 this morning. The regrind works fine.
Don Ve3LYX

5823. Re: [AWA Group] Re: grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-05 23:54:14 UTC
From: ne1s@securespeed.us
Topic: 5802 Message: 5823

> BTW I had a successful qso on 3725 this morning. The regrind works fine.
> Don Ve3LYX

Congrats, Don!

I'll have to listen down there in the mornings, and if I hear you I'll
fire up and give you a shout.

73,
-Larry/NE1S

5824. Anybody want to trade tubes?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-06 01:18:02 UTC
From: Jon
Topic: 5824 Message: 5824

I have a good UV204 that I would like to trade for a good 861. It is the original spherical type from the early 20's with a pure tungsten filament. It has been tested for gas, shorts, and emission, and tried in a circuit at 2000 volts and it worked fine.The fillament lights up like a 150w light bulb.

5825. Re: [AWA Group] Anybody want to trade tubes?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-06 14:25:40 UTC
From: Eddy Swynar
Topic: 5824 Message: 5825

Hi Jon,

I was going to say that the 204A is a more common tube than the 861---until I saw that the moniker of your tube lacked the "A" suffix, & that it has that unique glass envelope...! I guess that would easily qualify it as being at, or very close to, the "unobtanium" category...

As for the 861, well, all I can say is that I wish you the best of luck in finding a good, working example---those rascals are EXTREMELY rare indeed!

A coupla years before his death, John Rollins graciously mailed me an 861 that had been sitting in his junque box for several decades, and that was, for all intents & purposes, unused when he got it. When he learned that I was scouting about for one, to build a "modern" linear amplifier around, it John was only too happy to make it mine...

Well, the tube arrived A-OK, & OM Rollins did a superb job packing it ever so carefully. I immediately tested the filament for continuity---EUREKA! The fragile, large heater survived the trip from Maine to Ontario. I then called John on the phone, to thank him for the wonderful jug, & to congratulate him on his packing abilities...

Shortly thereafter, I propped-up the tube vertically, & applied the prescribed filament voltage to it---and I was immediately hearkened by the warm glow of the heater, emanating from that big, beautiful glass envelope...but as I stood back & admired the thing, HORROR OF HORRORS!!! A wispish curl of WHITE SMOKE was seen to be suddenly wafting about the top of the tube, meandering slowly down to the bottom! Seconds later, the filament had darkened, never to be lit-up again.

I guess the truth of the matter is that these big, old tubes suffer from the intrusion of air into them as the years go by---and don't forget that the 861 first came out in 1929, too. It's my understanding that a large navy transmitter used the 861 in WW2, and that a few working examples (newer ones, at that) are still "...out there". But find them if you can, Jon, & when you do, be prepared for the proverbial "...sticker shock"!

My The Force be with you in your quest, young Jedi...! : >)

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-03-05, at 8:18 PM, Jon wrote:

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>
>

>
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>
>

5826. Re: Hartley antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-06 16:56:22 UTC
From: JAMES HANLON
Topic: 5816 Message: 5826

Barry,

I couple my 50 ohm line to my Hartley via the usual link without using a series capacitor. I've found that I need a few more turns on the link than was specified in the 1929 era articles.

Jim, W8KGI

5827. Re: [AWA Group] Re: Hartley antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-06 17:25:47 UTC
From: Louis Vermond
Topic: 5816 Message: 5827

Jim, Did you try the series cap at some point? Lou

----- Original Message -----
From: JAMES HANLON
To: AWA Group
Sent: 2012-03-06 11:56 AM
Subject: [AWA Group] Re: Hartley antenna question

Barry,

I couple my 50 ohm line to my Hartley via the usual link without using a series capacitor. I've found that I need a few more turns on the link than was specified in the 1929 era articles.

Jim, W8KGI

5828. RE: [AWA Group] Hartley antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-06 18:11:28 UTC
From: barry whittemore
Topic: 5816 Message: 5828

Thanks to all who replied. I have some different ideas. I knew about the Varicap in series with the output coil, but i didnt think that was what was done back in the day. The windom sounds like a novel aproach as well as the bigger coil. That would be the easiest and would still have the authentic look.
thanks and 73
Barry
NF1O

To: awagroup@yahoogroups.com
From: wb1edi@...
Date: Mon, 5 Mar 2012 11:51:49 -0500
Subject: [AWA Group] Hartley antenna question

So, I am moving along with my Hartley and was thinking. This will not directly connect to a 50 ohm Coax fed antenna. am i corect?
I am building it for 40 meters, so should i build a ladder line fed dipole to put up?
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I can put a 40 dipole fed with 450 ohm or coax closer to the house temporarily when needed if that would be a better choice.

any thoughts would be appreciated.
Thanks and 73
Barry
NF1O

5829. Re: [AWA Group] Anybody want to trade tubes?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-06 19:14:11 UTC
From: Jon
Topic: 5824 Message: 5829

Thanks Eddy. I was also wanting to use an 861 in a linear amplifier, for a 1929 telephony transmitter I'm building. Too bad on your 861, definitely sounds like it went to air. I had a gassy 210's filament smoke like that once.
I've seen more 861's for sale than spherical 204's but it seems they are much less tough than 204's and usually bad.

Jon AB9ZG

5830. Re: Anybody want to trade tubes?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-06 19:15:17 UTC
From: Jon
Topic: 5824 Message: 5830

The UV-204 has been spoken for.

Jon AB9ZG

5831. Re: [AWA Group] Re: Anybody want to trade tubes?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-06 19:43:44 UTC
From: Eddy Swynar
Topic: 5824 Message: 5831

Hi Jon,

Did you actually find a good 861 to trade for it...?

If so, lucky you...! (I'm jealous!).

~73~ de Eddy VE3CUI - VE3XZ

****
****

On 2012-03-06, at 2:15 PM, Jon wrote:

> The UV-204 has been spoken for.
>
> Jon AB9ZG
>
>

5832. Re: grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-07 00:01:21 UTC
From: Don Dulmage
Topic: 5802 Message: 5832

I would enjoy that. Band was bad today but yesterday wasn't bad. i had to change crystal holders today Why I dont know but it is working great now. I also took it the rest of the way while I was doing it. I am zero beating here now at 3725. Also have 3750 and a 3705 I am also good on 7145 and 7290.
Don Ve3LYX.

5833. [AWA Group] Re: Anybody want to trade tubes?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-07 05:45:31 UTC
From: Jon
Topic: 5824 Message: 5833

Thats hopefully the idea. However I'm keeping my fingers crossed until its on my breadboard generating watts.

Jon AB9ZG

--- In AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@...> wrote:
>
> Hi Jon,
>
> Did you actually find a good 861 to trade for it...?
>
> If so, lucky you...! (I'm jealous!).
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
>

5834. Re: grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-07 02:53:28 UTC
From: Don Dulmage
Topic: 5802 Message: 5834

PS Just bought a matching recvr for the Am transmitter on Ebay.
Don VE3LYX

5835. Re: Lindsey -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-07 12:41:54 UTC
From: roamer64
Topic: 5812 Message: 5835

Hi All,
Thanks for the welcome. First, I am a HE, not a SHE. A common mistake, and no offence taken. Fascinated by radio since I was four or five with my father's Grundig Micro-Boy. My enjoyment comes first from listening. Finding that far off station, listening as it comes and goes, other stations announcing their presence with a faint hetrodyne whine. I remember one clear night years ago listening to Wolfman Jack in Coffeeville Kansas on an old Bendix I believe. I lived in Indiana, then. Most week nights as an teenager in Indiana I listened to the CBS radio Mystery Theater at 10pm local time on WHAM Rochester, NY on a transistor stereo. In Tennessee in the 1980's I heard Radio Moscow using a 24' by 24' horizontal loop untuned and coupled to an eight transistor Magnavox pocket radio (An exceptional little radio on an antenna that shouldn't have worked very well as I now understand things, more details if anybody wants them).
Now, after having owned many different commercially built taransistor and tube radios, I am beginning to home brew my own radios. Yes, I listen to ham bands and commercial shortwave broadcasts, but I am much more interested in listening than transmitting. I still have much to learn and your group sounds very interesting.
Thanks again for the welcome,
Lindsey

--- In AWAGroup@yahoogroups.com, "Mike Feher" <n4fs@...> wrote:
>
> Please welcome Lindsey to our group. Maybe she will tell a little about
> herself on here. 73 - Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>

5836. Re: [AWA Group] Re: grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-07 13:33:32 UTC
From: Louis Vermond
Topic: 5802 Message: 5836

What is the item number, don so we can see wt u have...

----- Original Message -----
From: Don Dulmage
To: AWAGroup@yahoogroups.com
Sent: 2012-03-06 9:53 PM
Subject: [AWA Group] Re: grinding crystals

PS Just bought a matching recvr for the Am transmitter on Ebay.
Don VE3LYX

5837. Re: grinding crystals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-07 15:21:34 UTC
From: Don Dulmage
Topic: 5802 Message: 5837

It was vintage but not pre 41. It is a matching recvr (HR10B) for my DX60B , my standby AM rig. Apparently it is a bit rough but work well. I was not wanting to bust the bank on it and should be able to make it pretty again. I am into the vintage stuff more but I didnt like using a solid state recvr with a tube vintage tx. That kind of thinking wont fit in this square head. The XYL says for me "everything must be balanced" . How did she know?????!!!!!
Meanwhile the simplified T1154 Bomber circuit is going well. All above chassis wiring is done. Time to get serious.
Don Ve3LYX

5838. Re: Lindsey -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-07 17:30:14 UTC
From: cwopr@embarqmail.com
Topic: 5812 Message: 5838

Welcome, Lindsey.

I, too, remember the thrill of hearing distant stations, be them AMBC banders or SWBCers. My first listening experience was using an AA5, out of the cabinet so I could see the tubes glow. I heard a few 'spanish' speaking stns, probably in Cuba or Mexico, but, as far as I was concerned, they were 'way off'. Then graduated to my first rcvr that covered the SW bands...a R-100/URR military morale receiver...it really opened up the world. Then to a Hammarlund HQ-100 (about 1956 or 57). I was in high school and started some of my school days at around 6am listening to a jazz program on the AFRTS. Then to a local DJ playing country music and cracking jokes. I also enjoyed listening to the river boats & barges. The SWBC stns, to me, aren't as interesting to listen to now days...most seem to be 'radical' religious, anti-gov't stns and stns pushing the 'freedom of speech' rules. I miss the cw utility stations the most. Anyway, things change and I still get some enjoyment tuning the bands. Agn, welcome and please keep us posted on those HB tube radios.

73, Bill K4JYS

--- In AWAGroup@yahoogroups.com, "roamer64" <roamer64@...> wrote:
>
>
>
>
> Hi All,
> Thanks for the welcome. First, I am a HE, not a SHE. A common mistake, and no offence taken. Fascinated by radio since I was four or five with my father's Grundig Micro-Boy. My enjoyment comes first from listening. Finding that far off station, listening as it comes and goes, other stations announcing their presence with a faint hetrodyne whine. I remember one clear night years ago listening to Wolfman Jack in Coffeeville Kansas on an old Bendix I believe. I lived in Indiana, then. Most week nights as an teenager in Indiana I listened to the CBS radio Mystery Theater at 10pm local time on WHAM Rochester, NY on a transistor stereo. In Tennessee in the 1980's I heard Radio Moscow using a 24' by 24' horizontal loop untuned and coupled to an eight transistor Magnavox pocket radio (An exceptional little radio on an antenna that shouldn't have worked very well as I now understand things, more details if anybody wants them).
> Now, after having owned many different commercially built taransistor and tube radios, I am beginning to home brew my own radios. Yes, I listen to ham bands and commercial shortwave broadcasts, but I am much more interested in listening than transmitting. I still have much to learn and your group sounds very interesting.
> Thanks again for the welcome,
> Lindsey
>
> --- In AWAGroup@yahoogroups.com, "Mike Feher" <n4fs@> wrote:
> >
> > Please welcome Lindsey to our group. Maybe she will tell a little about
> > herself on here. 73 - Mike
> >

> >
> >
> > Mike B. Feher, N4FS
> >
> > 89 Arnold Blvd.
> >
> > Howell, NJ, 07731
> >
> > 732-886-5960
> >
>

5839. Re: [AWA Group] Re: Lindsey -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-07 17:37:25 UTC
From: Leonard Meek
Topic: 5812 Message: 5839

Hi Lindsey, Leonard Meek here. Welcome to the group. I'm a SWL like you, trying to hear the most distant stations I can pick up. It's not only the distance that interests me, but the differing viewpoints on the news of the day. I started listening (illegaly) during WW2 and off & on during the next 70 years. Along the way I accumulated (and lost) radio parts, and now that I am well into retirement I'm using them to recreate some of the projects that fascinated me so long ago. I've built a few superhets, but regenerative receivers are a lot more fun. If you're into regens, you might want to check out the "Regenrx" group. I have several of my lashups posted there, under Mk.7 up to Mk 20. I also posted the schematics with the photos so feel free to find fault with them.

Leonard

----- Original Message -----
From: "roamer64" <roamer64@...>
To: <AWAGroup@yahoogroups.com>
Sent: Wednesday, March 07, 2012 2:41 AM
Subject: [AWA Group] Re: Lindsey -

>
>
>
> Hi All,
> Thanks for the welcome. First, I am a HE, not a SHE. A common mistake, and
> no offence taken. Fascinated by radio since I was four or five with my
> father's Grundig Micro-Boy. My enjoyment comes first from listening.
> Finding that far off station, listening as it comes and goes, other
> stations announcing their presence with a faint hetrodyne whine. I
> remember one clear night years ago listening to Wolfman Jack in
> Coffeeville Kansas on an old Bendix I believe. I lived in Indiana, then.
> Most week nights as an teenager in Indiana I listened to the CBS radio
> Mystery Theater at 10pm local time on WHAM Rochester, NY on a transistor
> stereo. In Tennessee in the 1980's I heard Radio Moscow using a 24' by 24'
> horizontal loop untuned and coupled to an eight transistor Magnavox pocket
> radio (An exceptional little radio on an antenna that shouldn't have
> worked very well as I now understand things, more details if anybody wants
> them).
> Now, after having owned many different commercially built taransistor and
> tube radios, I am beginning to home brew my own radios. Yes, I listen to
> ham bands and commercial shortwave broadcasts, but I am much more
> interested in listening than transmitting. I still have much to learn and
> your group sounds very interesting.
> Thanks again for the welcome,
> Lindsey
>

> --- In AWAGroup@yahoogroups.com, "Mike Feher" <n4fs@...> wrote:
>>
>> Please welcome Lindsey to our group. Maybe she will tell a little about
>> herself on here. 73 - Mike
>>
>>
>>
>> Mike B. Feher, N4FS
>>
>> 89 Arnold Blvd.
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>> Howell, NJ, 07731
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>> 732-886-5960
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>
> Yahoo! Groups Links
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5840. Pssst

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-07 23:45:24 UTC
From: Louis Vermond
Topic: 5840 Message: 5840

271

5841. Re: Hartley anenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 00:30:54 UTC
From: JAMES HANLON
Topic: 5841 Message: 5841

Lou.

You asked if I tried the series capacitor in my Hartley's link. No, I did not. I added three turns of B&W miniductor in series with the link on the side closest to the Hartley tank coil, so positioned that it was in close proximity to the tank. I adjust the coupling by swinging the link closer or further away from the tank coil. That does the trick for me in loading up my 50 ohm line. My "original" link is 8 turns of 1/4 inch diameter copper tubing. I use this link on both 80 and 40 meters.

Jim, W8KGI

5842. Re: [AWA Group] Re: Hartley anenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 01:42:29 UTC
From: Louis Vermond
Topic: 5841 Message: 5842

You asked if I tried the series capacitor in my Hartley's link. No, I did not. I added three turns of B&W miniductor in series with the link on the side closest to the Hartley tank coil, so positioned that it was in close proximity to the tank. I adjust the coupling by swinging the link closer or further away from the tank coil. That does the trick for me in loading up my 50 ohm line. My "original" link is 8 turns of 1/4 inch diameter copper tubing. I use this link on both 80 and 40 meters.

Jim, W8KGI

Tks Jim,

With a tight ant coil coupling to the tank, what is the plate current, B+ & max. output?
Lou

5843. History of QRP in the U.S., 1924-1960

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 17:39:08 UTC
From: Louis Vermond
Topic: 5843 Message: 5843

Over the past few months I have been mentioning here points of interest I've found while reading Adrian Weiss's, "History of QRP".

There are 11 chapters, 8 of which cover low power N. American & international activity before 1945. Best of all, it's about early low power rigs. If any book speaks to the members of this Group, this is it.

Well worth the 20 bucks which includes shipping.

73, Lou
VE3AWA

http://www.kangaus.com/w0rsp_books.htm

5844. QST Scan

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 17:42:15 UTC
From: ve7sl@shaw.ca
Topic: 5812 Message: 5844

I'm wondering if anyone could possibly send me a scan of this article:

"" William P. Durkin, W2DHM, "Combined Oscillator and Doubler," For the Experimenter, QST, December 1932, (pages 40-41??) Hints & Kinks ""

Steve / 73 /

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5845. Please recommend a suitable, affordable power triode

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 18:40:27 UTC
From: geo
Topic: 5845 Message: 5845

I'm building a power Hartley oscillator, at least 50 watts but would prefer closer to 100 watts.

My power supply is capable of about 650VDC at 140mA. I have available 2.5 and 6.3VAC for filament

Please recommend a suitable triode.

Thank and 73s,
geo VE3GZB

5846. Re: [AWA Group] Please recommend a suitable, affordable power triode

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 18:47:42 UTC
From: Eddy Swynar
Topic: 5845 Message: 5846

On 2012-03-08, at 1:40 PM, geo wrote:

> I'm building a power Hartley oscillator, at least 50 watts but would prefer closer to 100 watts.
>
> My power supply is capable of about 650VDC at 140mA. I have available 2.5 and 6.3VAC for filament
>
> Please recommend a suitable triode.
>
>

Hi George,

Not too many years ago, Chinese-made 211 tubes were reasonably priced, & the tube's heritage stretched way back to the early 1920's, if you're hoping to construct a replica rig of sorts...

~73~ de Eddy VE3CUI - VE3XZ

5847. Chinese-made 211 tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 19:05:13 UTC
From: Louis Vermond
Topic: 5847 Message: 5847
Attachments: 1 described; binary payloads are missing from this source WARC

http://thetubestore.com/sino211.html

5848. [AWA Group] Chinese-made 211 tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 19:43:18 UTC
From: Eddy Swynar
Topic: 5847 Message: 5848

There you go, George...!

Thanks, Lou...

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

> From: Louis Vermond <ldvermond@...>
> Date: March 8, 2012 2:05:13 PM EST
> To: <AWAGroup@yahoogroups.com>
> Subject: [AWA Group] Chinese-made 211 tubes
> Reply-To: AWAGroup@yahoogroups.com
>
>
> http://thetubestore.com/sino211.html
>
>
>

5849. RE: [AWA Group] Chinese-made 211 tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 20:20:06 UTC
From: Mike Feher
Topic: 5847 Message: 5849
Attachments: 1 described; binary payloads are missing from this source WARC

Wow, I do not know what to think. An audio re-seller offered me $150 for all the 211s that I could come up with. This new tube is half the price. Does that imply that this is junk? - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 08, 2012 2:05 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Chinese-made 211 tubes

http://thetubestore.com/sino211.html

<http://ep.yimg.com/ca/I/thetubestore_2197_49357838>
<http://ep.yimg.com/ca/I/thetubestore_2197_49357838> Shuguang 211 (Single Tube) <http://ep.yimg.com/ca/I/thetubestore_2197_49357838>

5850. Re: [AWA Group] Chinese-made 211 tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 20:25:31 UTC
From: Louis Vermond
Topic: 5847 Message: 5850
Attachments: 1 described; binary payloads are missing from this source WARC

Wow, I do not know what to think. An audio re-seller offered me $150 for all the 211s that I could come up with. This new tube is half the price. Does that imply that this is junk? -73 - Mike

Or that the 'vintage' tubes are sexier....

5851. Re: [AWA Group] Chinese-made 211 tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 20:29:11 UTC
From: Eddy Swynar
Topic: 5847 Message: 5851

On 2012-03-08, at 3:20 PM, Mike Feher wrote:

>
> Wow, I do not know what to think. An audio re-seller offered me $150 for all the 211s that I could come up with. This new tube is half the price. Does that imply that this is junk? – 73 - Mike
>

Hi Mike,

I don't think so...

A few years back I had the VERY good fortune of acquiring some Chinese-made 211 tubes, & I've used them in the BK 1929 QSO Party several times.

Mind you, THAT sorta service can hardly be called "demanding", but they've held-up well for me here.

What the audiophools lust after, though, are the vintage made-in-the-USA 211 tubes.

Take a look at eBay, Mlke, & you'll see that even $150.00 each is actually a tad under-priced nowadays...

~73~ de Eddy VE3CUI - VE3XZ
>

5852. RE: [AWA Group] Chinese-made 211 tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 20:33:16 UTC
From: Bauman, John
Topic: 5847 Message: 5852

Did he offer you $150 per tube?

Yes, the chinese tubes are junk.

Wow, I do not know what to think. An audio re-seller offered me $150 for all the 211s that I could come up with. This new tube is half the price. Does that imply that this is junk? -73 - Mike

5853. RE: [AWA Group] Chinese-made 211 tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 20:41:34 UTC
From: Mike Feher
Topic: 5847 Message: 5853

Yes, that was per tube. Like Eddy said, I guess they go for more than that on eBay. Right now I do not need the money, so, they are part of my retirement fund, HI. - 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Bauman, John
Sent: Thursday, March 08, 2012 3:33 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Chinese-made 211 tubes

Did he offer you $150 per tube?

Yes, the chinese tubes are junk.

Wow, I do not know what to think. An audio re-seller offered me $150 for all the 211s that I could come up with. This new tube is half the price. Does that imply that this is junk? - 73 - Mike

---

Yahoo! Groups Links

5854. Re: [AWA Group] Chinese-made 211 tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 20:45:22 UTC
From: geo
Topic: 5847 Message: 5854

Nice tube, but I can't power it. My DC supply isn't high enough and my filament supply is max 6.3V.

Are there any other tubes which could run decent power levels at 650VDC and on 6.3VAC or 2.5VAC filament?

Thanks and 73s
geo VE3GZB

--- In AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@...> wrote:
>
> There you go, George...!
>
> Thanks, Lou...
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
>
>
> Begin forwarded message:
>
> > From: Louis Vermond <ldvermond@...>
> > Date: March 8, 2012 2:05:13 PM EST
> > To: <AWAGroup@yahoogroups.com>
> > Subject: [AWA Group] Chinese-made 211 tubes
> > Reply-To: AWAGroup@yahoogroups.com
> >
> >
> > http://thetubestore.com/sino211.html
> >
> >
> >
>

5855. UK-made tubes & geo

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 21:09:28 UTC
From: Louis Vermond
Topic: 5855 Message: 5855
Attachments: 1 described; binary payloads are missing from this source WARC

Are there any other tubes which could run decent power levels at 650VDC and on 6.3VAC or 2.5VAC filament?

5856. QST Article Received

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-08 23:06:52 UTC
From: ve7sl@shaw.ca
Topic: 5855 Message: 5856

----- Thanks...no longer required.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5857. 27 Hartley First output

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-09 00:10:19 UTC
From: barry whittemore
Topic: 5857 Message: 5857

Well, I have some of the parts mounted on my Hartley for 40 meters and i hooked it up to the PS tonight. with a bit of coaxing and a very wide filter on my K3 i was able to hear NF1O from the other room.
i had no antenna or antenna link, and no tap wire but it is oscillating at 7.033ish. from what my freq counter showed it can go quite a bit out of band also. I am only getting about 10mA plate current but for the first time in many years that 27 is happy to have flowing electrons.
BTW the Grid Voltage was about 20 volts key up and -20 volts key down, is that about right?
Thanks
barry
NF1O

5858. Re: [AWA Group] 27 Hartley First output

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-09 00:36:39 UTC
From: Louis Vermond
Topic: 5857 Message: 5858

So that's what fried my NC-101's front end!

----- Original Message -----
From: barry whittemore
To: awa
Sent: 2012-03-08 7:10 PM
Subject: [AWA Group] 27 Hartley First output

Well, I have some of the parts mounted on my Hartley for 40 meters and i hooked it up to the PS tonight. with a bit of coaxing and a very wide filter on my K3 i was able to hear NF1O from the other room.
i had no antenna or antenna link, and no tap wire but it is oscillating at 7.033ish. from what my freq counter showed it can go quite a bit out of band also. I am only getting about 10mA plate current but for the first time in many years that 27 is happy to have flowing electrons.
BTW the Grid Voltage was about 20 volts key up and -20 volts key down, is that about right?
Thanks
barry
NF1O

5859. Re: [AWA Group] Chinese-made 211 tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-09 13:00:10 UTC
From: ne1s@securespeed.us
Topic: 5847 Message: 5859

>> Does that imply that this is junk? ? 73 - Mike
>>
>
> Hi Mike,
>
> I don't think so...
>
> A few years back I had the VERY good fortune of acquiring some
> Chinese-made 211 tubes, & I've used them in the BK 1929 QSO Party several
> times.
>
> Mind you, THAT sorta service can hardly be called "demanding", but they've
> held-up well for me here.
>
> What the audiophools lust after, though, are the vintage made-in-the-USA
> 211 tubes.
>

I concur with Eddy.

I bought some Chinese 812As a while back in debugging a problem with the Old Buzzard Rig which uses a pair in PP in the final. They worked fine while they were in there. I put back in the old RCAs because the problem turned out not to be the tubes, and the Chinese ones are now spares.

From the "research" I've done, the only caution necessary with the Chinese-made transmitting tubes is to use them in the vertical position - some apparently don't tolerate horizontal operation. No experience personally, so YMMV.

The audiophool and musical amplifier crowd usually have no technical basis for their tube preferences, and I would take any associated claims of the superiority of the preferred old-stock American and European-made tubes with a grain of salt (they may indeed be superior, but probably not for the reasons cited).

Anyway, I'm very glad the Chinese, Russians, and some of the Eastern European countries are still making these tubes - as the old ones become harder to find or priced beyond our means, it helps us out by ensuring continued availability.

73,
-Larry/NE1S

5860. Re: [AWA Group] 27 Hartley First output

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-09 13:10:53 UTC
From: ne1s@securespeed.us
Topic: 5857 Message: 5860

```
>
> Well, I have some of the parts mounted on my Hartley for 40 meters and i
> hooked it up to the PS tonight. with a bit of coaxing and a very wide
> filter on my K3 i was able to hear NF1O from the other room.
> i had no antenna or antenna link, and no tap wire but it is oscillating at
> 7.033ish. from what my freq counter showed it can go quite a bit out of
> band also. I am only getting about 10mA plate current but for the first
> time in many years that 27 is happy to have flowing electrons.

Congrats!

Unloaded, the plate current will indeed be low at resonance.

> BTW the Grid Voltage was about 20 volts key up and -20 volts key down, is
> that about right?

+20V key-up doesn't sound right - are you using cathode-keying or
negative-lead keying? With negative-lead keying you will see a positive
voltage of the grid and cathode of roughly the plate supply voltage. With
cathode keying (preferred) the key-up grid voltage should be zero, and the
key-up cathode voltage should be approximately equal to the cut-off bias
(which is a function the plate supply voltage you are using).

73,
-Larry/NE1S
```

5861. RE: [AWA Group] 27 Hartley First output

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-09 14:30:12 UTC
From: barry whittemore
Topic: 5857 Message: 5861

yes, you are right, I meant the Cathode was +20 and -20. (Thats grid with a K Hi HI)
i am keying just like the AWA journal unit. cathode keying.

BTW i am using one of the Caps yo gave me a while back as well as parts from WU2D, N1IMW, KV1W and KC5LDO.
KV1W inadvertantly started this whole mess, when he asked if anyone wanted a bunch of old tubes.
There were several 27, 45 etc type tubes so i looked up what i can do with them.
I plan to use this for my local clubs HB/kit build challenge.
oh joy, yet another QRP TX.

Barry
Thanks to all who have helped with parts and advice.

To: AWAGroup@yahoogroups.com
From: ne1s@...
Date: Fri, 9 Mar 2012 08:10:53 -0500
Subject: Re: [AWA Group] 27 Hartley First output

>
> Well, I have some of the parts mounted on my Hartley for 40 meters and i
> hooked it up to the PS tonight. with a bit of coaxing and a very wide
> filter on my K3 i was able to hear NF1O from the other room.
> i had no antenna or antenna link, and no tap wire but it is oscillating at
> 7.033ish. from what my freq counter showed it can go quite a bit out of
> band also. I am only getting about 10mA plate current but for the first
> time in many years that 27 is happy to have flowing electrons.

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Unloaded, the plate current will indeed be low at resonance.

> BTW the Grid Voltage was about 20 volts key up and -20 volts key down, is
> that about right?

+20V key-up doesn't sound right - are you using cathode-keying or negative-lead keying? With negative-lead keying you will see a positive voltage of the grid and cathode of roughly the plate supply voltage. With cathode keying (preferred) the key-up grid voltage should be zero, and the key-up cathode voltage should be approximately equal to the cut-off bias (which is a function the plate supply voltage you are using).

73,
-Larry/NE1S

5862. RE: [AWA Group] 27 Hartley First output

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-09 17:16:29 UTC
From: ne1s@securespeed.us
Topic: 5857 Message: 5862

```
>
> yes, you are right, I meant the Cathode was +20 and -20. (Thats grid with
> a K Hi HI)
> i am keying just like the AWA journal unit. cathode keying.
>
```

Which one? Give me the issue so I can look it up and see the schematic. I would think with cathode keying you should see 0 volts on the cathode in the keyed condition (cathode tied directly to ground through the key).

> BTW i am using one of the Caps yo gave me a while back as well as parts
> from WU2D, N1IMW, KV1W and KC5LDO.

Cool. I knew they were going to a good home.

> KV1W inadvertantly started this whole mess, when he asked if anyone wanted
> a bunch of old tubes.
> There were several 27, 45 etc type tubes so i looked up what i can do with
> them.

I'm envious.

> I plan to use this for my local clubs HB/kit build challenge.
> oh joy, yet another QRP TX.
>

Next project: a big old-time amplifier?

Say hi to NE1F for me.

73,
-Larry/NE1S

5863. RE: [AWA Group] 27 Hartley First output

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-09 17:43:25 UTC
From: barry whittemore
Topic: 5857 Message: 5863

I got it from http://www.antiquewireless.org/otb/hartley0709.htm
Mine has .002mF for the plate cap and 200pF with 6.5K on the grid and a .01mF for the key Cap.
I did not add the coil tap yet so there was no tap. also the external connections were not in final configuration. I have not put any of the terminal posts on yet.
also my Varicap was about 250pF so i have a 250pf fixed in paralell.
But it does oscillate and freq is in range. I will doouble check my voltage measurements (where and what) this evening.
73
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: ne1s@...
Date: Fri, 9 Mar 2012 12:16:29 -0500
Subject: RE: [AWA Group] 27 Hartley First output

>
> yes, you are right, I meant the Cathode was +20 and -20. (Thats grid with
> a K Hi HI)
> i am keying just like the AWA journal unit. cathode keying.
>

Which one? Give me the issue so I can look it up and see the schematic. I would think with cathode keying you should see 0 volts on the cathode in the keyed condition (cathode tied directly to ground through the key).

> BTW i am using one of the Caps yo gave me a while back as well as parts
> from WU2D, N1IMW, KV1W and KC5LDO.

Cool. I knew they were going to a good home.

> KV1W inadvertantly started this whole mess, when he asked if anyone wanted
> a bunch of old tubes.
> There were several 27, 45 etc type tubes so i looked up what i can do with
> them.

I'm envious.

> I plan to use this for my local clubs HB/kit build challenge.
> oh joy, yet another QRP TX.
>

Next project: a big old-time amplifier?

Say hi to NE1F for me.

73,
-Larry/NE1S

5864. neat

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-09 23:15:02 UTC
From: Jim Robson
Topic: 5864 Message: 5864

This is neat:
http://www.ebay.com/itm/Very-Rare-HULIT-Standard-Telegraph-Key-Transmitter-Sending-Machine-/270927503166?_trksid=p4340.m1374&_trkparms=algo%3DPI.WATCH%26its%3DC%252BS%26itu%3DUCC%26otn%3D15%26ps%3D63%26clkid%3D6888443881266989490
Jim/VE3BHK

5865. RE: [AWA Group] neat

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-09 22:41:22 UTC
From: Mike Feher
Topic: 5864 Message: 5865

Yes it is. The first I have seen. Been watching the bidding activity, and, may throw in a bid at the end, but, doubt if I'll get it. I did get something even neater about 6 or more months ago - a typewriter that sends Morse. It is from 1913 and I have never seen another. It even works. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Jim Robson
Sent: Friday, March 09, 2012 6:15 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] neat

This is neat:
http://www.ebay.com/itm/Very-Rare-HULIT-Standard-Telegraph-Key-Transmitter-Sending-Machine-/270927503166?_trksid=p4340.m1374
<http://www.ebay.com/itm/Very-Rare-HULIT-Standard-Telegraph-Key-Transmitter-Sending-Machine-/270927503166?_trksid=p4340.m1374&_trkparms=algo%3DPI.WATCH%26its%3DC%252BS%26itu%3DUCC%26otn%3D15%26ps%3D63%26clkid%3D6888443881266989490>
&_trkparms=algo%3DPI.WATCH%26its%3DC%252BS%26itu%3DUCC%26otn%3D15%26ps%3D63%26clkid%3D6888443881266989490
Jim/VE3BHK

5866. Re: [AWA Group] neat

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-09 23:02:52 UTC
From: Louis Vermond
Topic: 5864 Message: 5866

I can see this at 3BHK...

5867. Re: [AWA Group] neat

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 00:05:54 UTC
From: Jim Robson
Topic: 5864 Message: 5867

Also neat. Any pictures, Mike? 73, Jim.VE3BHK

On 09/03/12 5:41 PM, Mike Feher wrote:
>
> Yes it is. The first I have seen. Been watching the bidding activity,
> and, may throw in a bid at the end, but, doubt if I'll get it. I did
> get something even neater about 6 or more months ago -- a typewriter
> that sends Morse. It is from 1913 and I have never seen another. It
> even works. 73 -- Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:* AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] *On
> Behalf Of *Jim Robson
> *Sent:* Friday, March 09, 2012 6:15 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* [AWA Group] neat
>
> This is neat:
> http://www.ebay.com/itm/Very-Rare-HULIT-Standard-Telegraph-Key-Transmitter-Sending-Machi
ne-/270927503166?_trksid=p4340.m1374&_trkparms=algo
>
%3DPI.WATCH%26its%3DC%252BS%26itu%3DUCC%26otn%3D15%26ps%3D63%26clkid%3D6888443881266989490
> <http://www.ebay.com/itm/Very-Rare-HULIT-Standard-Telegraph-Key-Transmitter-Sending-Mach
ine-/270927503166?_trksid=p4340.m1374&_trkparms=algo%3DPI.WATCH%26its%3DC%252BS%26itu%3DUC
C%26otn%3D15%26ps%3D63%26clkid%3D6888443881266989490>
> Jim/VE3BHK
>
>

5868. Re: [AWA Group] neat

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 00:14:02 UTC
From: Jim Robson
Topic: 5864 Message: 5868

QSL, my friend. Saving up for a 440 and a 727 rebuild, for the '73, though. And a replacement 520S. My first car turns 40 this year and I turn 50. The 520S is for me. 73, Jim/3AWA/3BHK

On 09/03/12 6:02 PM, Louis Vermond wrote:
>
> I can see this at 3BHK...
>

5869. Re: [AWA Group] neat

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-09 23:57:56 UTC
From: Louis Vermond
Topic: 5864 Message: 5869

The 520S is for me. Make it a TS-530...has the WARC bands.

Thirsty. When are u gg to have a station open house, OT? Lou

5870. Re: [AWA Group] neat

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 01:12:37 UTC
From: Jim Robson
Topic: 5864 Message: 5870
Attachments: 1 described; binary payloads are missing from this source WARC

roger roger/3AWA de 3AWA/in past years the xyl and I have celebrated our friends by having a wee get together in our back yard/pictured is professional Elvis tribute artist Eddy Prince at a past gathering/Eddy is joining us this July 21/the format is potluck/3BHK will not be accepting disparaging comments on his end-fed antenna/k

AWAGroup: you are invited to a south-western Ontario back yard bbq July 21. Details to follow. 73/Jim and Debbie.

> Thirsty. When are u gg to have a station open house, OT? Lou
>

5871. RE: [AWA Group] neat

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 00:48:39 UTC
From: Bauman, John
Topic: 5864 Message: 5871

Very cool indeed! It's the original keyer and paddle, only mechanical.

John
KB7NRN

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Mike Feher [n4fs@...]
Sent: Friday, March 09, 2012 2:41 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] neat

Yes it is. The first I have seen. Been watching the bidding activity, and, may throw in a bid at the end, but, doubt if I'll get it. I did get something even neater about 6 or more months ago – a typewriter that sends Morse. It is from 1913 and I have never seen another. It even works. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@...m] On Behalf Of Jim Robson
Sent: Friday, March 09, 2012 6:15 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] neat

This is neat:
http://www.ebay.com/itm/Very-Rare-HULIT-Standard-Telegraph-Key-Transmitter-Sending-Machine-/270927503166?_trksid=p4340.m1374&_trkparms=algo%3DPI.WATCH%26its%3DC%252BS%26itu%3DUCC%26otn%3D15%26ps%3D63%26clkid%3D6888443881266989490
Jim/VE3BHK

5872. Re: [AWA Group] neat

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 01:12:52 UTC
From: Louis Vermond
Topic: 5864 Message: 5872
Attachments: 1 described; binary payloads are missing from this source WARC

This year we'll not be off off and away. CU there...
Lou

AWAGroup: you are invited to a south-western Ontario back yard bbq July 21. Details to follow. 73/Jim and Debbie.

5873. 01A as an authentic alternative to the 27?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 01:41:29 UTC
From: Jon
Topic: 5873 Message: 5873

27's are commonly used for power oscillators or rf final amps these days even though they weren't originally used for those purposes back in the 20's.

How about using the 01A instead? They are extremely common and easily available for under $10. They were commonly used as economy transmitting tubes back in the 20's since they were very cheap, unlike the 27. Another advantage is that they are pin compatible with the 10 and 45 so the transmitter would not need to be remodeled if better tubes were used in the future.

I did some experimentation and found that the 01A seems to be just as robust as the 27. I tried voltages higher than 400 volts without flashover and was able to have a plate input of greater than 20 watts in a class C amplifier without red plating occurring during CW tests.

5874. Re: 01A as an authentic alternative to the 27?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 03:53:53 UTC
From: geo
Topic: 5873 Message: 5874

Technically, your reasoning seems quite sound to me. Both tubes - the 01A and the 27 - are not power tubes by any means and both could be used as oscillators.

Using something a bit more powerful like a 71A might be better due to the capacity of the electron emitter.

73s geo VE3GZB

--- In AWAGroup@yahoogroups.com, "Jon" <ab9zg@...> wrote:
>
> 27's are commonly used for power oscillators or rf final amps these days even though they weren't originally used for those purposes back in the 20's.
>
> How about using the 01A instead? They are extremely common and easily available for under $10. They were commonly used as economy transmitting tubes back in the 20's since they were very cheap, unlike the 27. Another advantage is that they are pin compatible with the 10 and 45 so the transmitter would not need to be remodeled if better tubes were used in the future.
>
> I did some experimentation and found that the 01A seems to be just as robust as the 27. I tried voltages higher than 400 volts without flashover and was able to have a plate input of greater than 20 watts in a class C amplifier without red plating occurring during CW tests.
>

5875. Re: Awesome 1929 transmitter - old picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 04:22:13 UTC
From: Jon
Topic: 5681 Message: 5875

More 1920's transmitters, most earlier:

5876. RE: [AWA Group] neat

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 07:06:41 UTC
From: Mike Feher
Topic: 5864 Message: 5876
Attachments: 1 described; binary payloads are missing from this source WARC

Here is a photo Jim. Other than the patent below, I have never found any other information on it, or know of any other collectors who have one for comparison. 73 - Mike

http://www.google.com/patents?id=HYFQAAAAEBAJ

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Jim Robson
Sent: Friday, March 09, 2012 7:06 PM
To: AWAGroup@yahoogroups.com
Cc: Mike Feher
Subject: Re: [AWA Group] neat

Also neat. Any pictures, Mike? 73, Jim.VE3BHK

On 09/03/12 5:41 PM, Mike Feher wrote:

Yes it is. The first I have seen. Been watching the bidding activity, and, may throw in a bid at the end, but, doubt if I'll get it. I did get something even neater about 6 or more months ago - a typewriter that sends Morse. It is from 1913 and I have never seen another. It even works. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Jim Robson
Sent: Friday, March 09, 2012 6:15 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] neat

This is neat:
http://www.ebay.com/itm/Very-Rare-HULIT-Standard-Telegraph-Key-Transmitter-Sending-Machine-/270927503166?_trksid=p4340.m1374

<http://www.ebay.com/itm/Very-Rare-HULIT-Standard-Telegraph-Key-Transmitter-Sending-Machine-/270927503166?_trksid=p4340.m1374&_trkparms=algo%3DPI.WATCH%26its%3DC%252BS%26itu%3DUCC%26otn%3D15%26ps%3D63%26clkid%3D6888443881266989490> &_trkparms=algo%3DPI.WATCH%26its%3DC%252BS%26itu%3DUCC%26otn%3D15%26ps%3D63%26clkid%3D6888443881266989490

Jim/VE3BHK

5877. Re: [AWA Group] neat

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 13:33:38 UTC
From: Jim Robson
Topic: 5864 Message: 5877

Also neat, Mike. Very rare. Well done! Jim/VE3BHK

On 10/03/12 2:06 AM, Mike Feher wrote:
>
> Here is a photo Jim. Other than the patent below, I have never found
> any other information on it, or know of any other collectors who have
> one for comparison. 73 -- Mike
>
> http://www.google.com/patents?id=HYFQAAAAEBAJ
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell , NJ, 07731
>
> 732-886-5960
>
> *From:* AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] *On
> Behalf Of *Jim Robson
> *Sent:* Friday, March 09, 2012 7:06 PM
> *To:* AWAGroup@yahoogroups.com
> *Cc:* Mike Feher
> *Subject:* Re: [AWA Group] neat
>
> Also neat. Any pictures, Mike? 73, Jim.VE3BHK
>
> On 09/03/12 5:41 PM, Mike Feher wrote:
>
> Yes it is. The first I have seen. Been watching the bidding
> activity, and, may throw in a bid at the end, but, doubt if I'll
> get it. I did get something even neater about 6 or more months ago
> -- a typewriter that sends Morse. It is from 1913 and I have never
> seen another. It even works. 73 -- Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com] *On Behalf Of *Jim Robson

> *Sent:* Friday, March 09, 2012 6:15 PM
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Subject:* [AWA Group] neat
>
> This is neat:
> http://www.ebay.com/itm/Very-Rare-HULIT-St
> andard-Telegraph-Key-Transmitter-Sending-Machine-/270927503166?_trksid=p4340.m1374&_trkp
arms=algo
>
%3DPI.WATCH%26its%3DC%252BS%26itu%3DUCC%26otn%3D15%26ps%3D63%26clkid%3D6888443881266989490
> <http://www.ebay.com/itm/Very-Rare-HULIT-Standard-Telegraph-Key-Transmitter-Sending-Mach
ine-/270927503166?_trksid=p4340.m1374&_trkparms=algo%3DPI.WATCH%26its%3DC%252BS%26itu%3DUC
C%26otn%3D15%26ps%3D63%26clkid%3D6888443881266989490>
> Jim/VE3BHK
>
>

5878. Re: [AWA Group] Re: Awesome 1929 transmitter - old picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 12:41:28 UTC
From: Louis Vermond
Topic: 5681 Message: 5878
Attachments: 1 described; binary payloads are missing from this source WARC

The real stuff in a basement. Even has a lard pail monitor. Tks Jon...

5879. Hartley TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 15:36:36 UTC
From: barry whittemore
Topic: 5879 Message: 5879

I now have my Hartley oscillating in 40 meter Band and i would like to connect to an antenna. for a single gang 365 pF vari cap, how many turns should i go on the link?
i will be using a 50 ohm wire antenna.
Thanks
Barry
NF1O

5880. RE: [AWA Group] Hartley TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 19:35:48 UTC
From: barry whittemore
Topic: 5879 Message: 5880

btw i put a new pic under NF1O in photos section
barry

To: awagroup@yahoogroups.com
From: wb1edi@...
Date: Sat, 10 Mar 2012 10:36:36 -0500
Subject: [AWA Group] Hartley TX

I now have my Hartley oscillating in 40 meter Band and i would like to connect to an antenna. for a single gang 365 pF vari cap, how many turns should i go on the link?
i will be using a 50 ohm wire antenna.
Thanks
Barry
NF1O

5881. Re: [AWA Group] Hartley TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-10 22:19:45 UTC
From: Louis Vermond
Topic: 5879 Message: 5881
Attachments: 1 described; binary payloads are missing from this source WARC

Barry,

The metre support is so 1920s! I've not seen that used on a new OT rig. Congrats....

Now, how about adding a LARGE glamour shot plus a top view to your album along with one of your power supply.

73, Lou

5882. moulded mud

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-11 00:05:36 UTC
From: Louis Vermond
Topic: 5882 Message: 5882

Hello,

We all know the derogatory term, "moulded mud". What is the actual name for that material please?

73, Lou

5883. RE: [AWA Group] Hartley TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-11 00:29:55 UTC
From: barry whittemore
Topic: 5879 Message: 5883
Attachments: 1 described; binary payloads are missing from this source WARC

I have added several pics to the Photos section since this one.
they are in The NF1O directory that was consolidated into one.
73
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: ldvermond@...
Date: Sat, 10 Mar 2012 17:19:45 -0500
Subject: Re: [AWA Group] Hartley TX

Barry,

The metre support is so 1920s! I've not seen that used
on a new OT rig. Congrats....

Now, how about adding a LARGE glamour shot plus a
top view to your album along with one of your power supply.

73, Lou

5884. Re: [AWA Group] Chinese-made 211 tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-11 16:19:46 UTC
From: Roger Kuchera
Topic: 5847 Message: 5884

At least they won't kill your pets or poison your kids!

Roger.

--- On Fri, 3/9/12, ne1s@... <ne1s@...> wrote:

> From: ne1s@securespeed.us <ne1s@...>
> Subject: Re: [AWA Group] Chinese-made 211 tubes
> To: AWAGroup@yahoogroups.com
> Date: Friday, March 9, 2012, 8:00 AM
>
> >> Does that imply that this is junk? – 73 - Mike
> >>
> >
> > Hi Mike,
> >
> > I don't think so...
> >
> > A few years back I had the VERY good fortune of
> acquiring some
> > Chinese-made 211 tubes, & I've used them in the BK
> 1929 QSO Party several
> > times.
> >
> > Mind you, THAT sorta service can hardly be called
> "demanding", but they've
> > held-up well for me here.
> >
> > What the audiophools lust after, though, are the
> vintage made-in-the-USA
> > 211 tubes.
> >
>
> I concur with Eddy.
>
> I bought some Chinese 812As a while back in debugging a
> problem with the
> Old Buzzard Rig which uses a pair in PP in the final. They
> worked fine
> while they were in there. I put back in the old RCAs because
> the problem
> turned out not to be the tubes, and the Chinese ones are now
> spares.
>
> From the "research" I've done, the only caution necessary
> with the

> Chinese-made transmitting tubes is to use them in the
> vertical position -
> some apparently don't tolerate horizontal operation. No
> experience
> personally, so YMMV.
>
> The audiophool and musical amplifier crowd usually have no
> technical basis
> for their tube preferences, and I would take any associated
> claims of the
> superiority of the preferred old-stock American and
> European-made tubes
> with a grain of salt (they may indeed be superior, but
> probably not for
> the reasons cited).
>
> Anyway, I'm very glad the Chinese, Russians, and some of the
> Eastern
> European countries are still making these tubes - as the old
> ones become
> harder to find or priced beyond our means, it helps us out
> by ensuring
> continued availability.
>
> 73,
> -Larry/NE1S
>
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
> AWAGroup-fullfeatured@yahoogroups.com
>
>

5885. UX201A CW transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-11 21:17:08 UTC
From: alexm_1968
Topic: 5885 Message: 5885

Hello all pls check out my UX201A TX schematic and tell me what you think....More pictures & scematics to follow.

Thamk you

Alex VE2AIU

5886. Re: [AWA Group] UX201A CW transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-11 21:35:38 UTC
From: Louis Vermond
Topic: 5885 Message: 5886

Alex,

I've looked for the photo album, VE2AIU, but ND. What is the album's name? Tks, Lou

----- Original Message -----
From: alexm_1968
To: AWAGroup@yahoogroups.com
Sent: 2012-03-11 5:17 PM
Subject: [AWA Group] UX201A CW transmitter

Hello all pls check out my UX201A TX schematic and tell me what you think....More pictures & scematics to follow.

Thamk you

Alex VE2AIU

5887. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-11 22:07:14 UTC
From: Louis Vermond
Topic: 130 Message: 5887

The Radio Amateur’s Handbook -1926 edition 2006 REPRINT

http://www.ebay.com/itm/Radio-Amateur-s-Handbook-1926-edition-Francis-Edward-Handy-/251011783316?_trksid=p4340.m185&_trkparms=algo%3DSIC.NPJS%26its%3DI%26itu%3DUA%26otn%3D5%26pmod%3D320862174368%26ps%3D63%26clkid%3D6934623490482164870

5888. Transmiter Malady

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-11 22:48:33 UTC
From: Jon
Topic: 5888 Message: 5888

This photo is from an experimental transmitter I'm working one. The bright trace is the plate input voltage to the PA. The shaded area is the RF output from the PA (half of it is off-screen). Why isn't the PA output following the input voltage and instead rolling off the positive peaks?

5889. UX201A TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 03:51:55 UTC
From: alexm_1968
Topic: 5889 Message: 5889

Hi All pls check out my UX201A TX and tell me what you think.
The schematics are in Photos under UX201A TX. More pics to follow

73's Alex VE2AIU

5890. 861 tube -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 05:12:50 UTC
From: Mike Feher
Topic: 5890 Message: 5890

Someone was looking for an 861 recently -

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=110839586154&ssPageName=
ADME:B:SS:US:1123> &item=110839586154&ssPageName=ADME:B:SS:US:1123

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

5891. Re: [AWA Group] 861 tube -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 12:49:55 UTC
From: Eddy Swynar
Topic: 5890 Message: 5891

On 2012-03-12, at 1:12 AM, Mike Feher wrote:

>
> Someone was looking for an 861 recently –
>
> /http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=110839586154&ssPageName=ADME:B:SS:US:1123
>
>
>
>
>
>

Hi Mike,

That price of $100.00 for a starting bid is probably not TOO far outta line, providing the thing works...

But I'd insist upon TWO things which the buyer would most likely NOT be in favour of, i.e.:

(1) I'd want a continuity test done of the filament, and,

(2) If the tube passes that test, I'd want the seller to light-up the filament with its prescribed voltage for a minimum 10 minutes, AND with the tube properly oriented physically...

If the seller was incapable of executing step #2, I'd want some sort of a money-back-guarantee should the jug fail after MY testing here...

Those things are rare, alright, but a static display dud 861 is worth considerably less than that $100.00 starting bid that the seller has posted!

~73~ de Eddy VE3CUI - VE3XZ

5892. Re: [AWA Group] 861 tube -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 12:57:53 UTC
From: AB9ZG
Topic: 5890 Message: 5892

I just emailed the seller and he said the filament was open. :(

5893. Re: [AWA Group] 861 tube -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 13:04:19 UTC
From: Eddy Swynar
Topic: 5890 Message: 5893

On 2012-03-12, at 8:57 AM, AB9ZG wrote:

>
> I just emailed the seller and he said the filament was open. :(
>

Doesn't surprise me---but that price for a dud tube sure does!

~73~ de Eddy VE3CUI - VE3XZ
> .
>

5894. eBay Alert Just look.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 13:22:30 UTC
From: Louis Vermond
Topic: 5894 Message: 5894

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=120874823783&ssPageName=ADME:B:SS:US:1123

5895. Re: [AWA Group] Hartley TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 13:26:13 UTC
From: Louis Vermond
Topic: 5879 Message: 5895

And you did... Tks Barry

----- Original Message -----
From: barry whittemore
To: awa
Sent: 2012-03-10 8:29 PM
Subject: RE: [AWA Group] Hartley TX

I have added several pics to the Photos section since this one.
they are in The NF1O directory that was consolidated into one.
73
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: ldvermond@...
Date: Sat, 10 Mar 2012 17:19:45 -0500
Subject: Re: [AWA Group] Hartley TX

Barry,

The metre support is so 1920s! I've not seen that used on a new OT rig. Congrats....

Now, how about adding a LARGE glamour shot plus a top view to your album along with one of your power supply.

73, Lou

5896. RE: [AWA Group] eBay Alert Just look.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 13:32:43 UTC
From: Mike Feher
Topic: 5894 Message: 5896

I believe that this is a laboratory item and not meant for code. - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Louis Vermond
Sent: Monday, March 12, 2012 9:23 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert Just look.....

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=120874823783&ssPageName=
ADME:B:SS:US:1123> &item=120874823783&ssPageName=ADME:B:SS:US:1123

5897. Re: [AWA Group] eBay Alert Just look.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 13:43:23 UTC
From: Louis Vermond
Topic: 5894 Message: 5897

Mike,

Yet, "GPO" (General Post Office) does suggest otherwise.

Lou

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2012-03-12 9:32 AM
Subject: RE: [AWA Group] eBay Alert Just look.....

I believe that this is a laboratory item and not meant for code. - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, March 12, 2012 9:23 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert Just look.....

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=120874823783&ssPageName=ADME:B:SS:US:1123

5898. RE: [AWA Group] eBay Alert Just look.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 13:51:30 UTC
From: Mike Feher
Topic: 5894 Message: 5898

I agree, and I was reluctant to make that comment because of it, but, it just does not look like a typical GPO key, in fact, far from it. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, March 12, 2012 9:43 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert Just look.....

Mike,

Yet, "GPO" (General Post Office) does suggest otherwise.

Lou

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: 2012-03-12 9:32 AM

Subject: RE: [AWA Group] eBay Alert Just look.....

I believe that this is a laboratory item and not meant for code. - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, March 12, 2012 9:23 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert Just look.....

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=120874823783&ssPageName=
ADME:B:SS:US:1123> &item=120874823783&ssPageName=ADME:B:SS:US:1123

5899. Re: [AWA Group] eBay Alert Just look.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 14:16:22 UTC
From: Louis Vermond
Topic: 5894 Message: 5899

A "real" key or not. it is beautiful. I bet you could squeeze it in on one of your shelves.... Lou

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2012-03-12 9:51 AM
Subject: RE: [AWA Group] eBay Alert Just look.....

I agree, and I was reluctant to make that comment because of it, but, it just does not look like a typical GPO key, in fact, far from it. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, March 12, 2012 9:43 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert Just look.....

Mike,

Yet, "GPO" (General Post Office) does suggest otherwise.

Lou

----- Original Message -----

From: Mike Feher

To: AWAGroup@yahoogroups.com

Sent: 2012-03-12 9:32 AM

Subject: RE: [AWA Group] eBay Alert Just look.....

I believe that this is a laboratory item and not meant for code. - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, March 12, 2012 9:23 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert Just look.....

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=120874823783&ssPageName=ADME:B:SS:US:1123

5900. RE: [AWA Group] eBay Alert Just look.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 14:22:23 UTC
From: Mike Feher
Topic: 5894 Message: 5900

No doubt, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, March 12, 2012 10:16 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert Just look.....

A "real" key or not. it is beautiful. I bet you could squeeze it in on one of your shelves.... Lou

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: 2012-03-12 9:51 AM

Subject: RE: [AWA Group] eBay Alert Just look.....

I agree, and I was reluctant to make that comment because of it, but, it just does not look like a typical GPO key, in fact, far from it. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, March 12, 2012 9:43 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert Just look.....

Mike,

Yet, "GPO" (General Post Office) does suggest otherwise.

Lou

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: 2012-03-12 9:32 AM

Subject: RE: [AWA Group] eBay Alert Just look.....

I believe that this is a laboratory item and not meant for code. - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Louis Vermond
Sent: Monday, March 12, 2012 9:23 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert Just look.....

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=120874823783&ssPageName=
ADME:B:SS:US:1123> &item=120874823783&ssPageName=ADME:B:SS:US:1123

5901. "When It Rains..."

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 19:30:15 UTC
From: Eddy Swynar
Topic: 5901 Message: 5901

Hi Mike,

You know the rest of the old saying, i.e. "...it pours."

To see what I mean, go to:

http://www.ebay.com/itm/Used-Vintage-861-Screen-Grid-RF-Power-Amplifier-Tube-Stands-17-High-N-R-/120874469501?pt=LH_DefaultDomain_0&hash=item1c24ae087d#ht_627wt_1398

~73~ de Eddy VE3CUI - VE3XZ

5902. Re: [AWA Group] "When It Rains..."

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 19:42:00 UTC
From: Louis Vermond
Topic: 5901 Message: 5902

Tube is dated 1945 ... A very good year.

This tube stands approx 17" high and really displays nicely. Ping! :0(

5903. 1964 again...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 22:38:10 UTC
From: Louis Vermond
Topic: 5903 Message: 5903
Attachments: 1 described; binary payloads are missing from this source WARC

http://radiosky.com/scrounge.htm

5904. Help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 23:09:06 UTC
From: Louis Vermond
Topic: 5904 Message: 5904

What is the diameter of the FT-243 xtal pins? Tks, Lou

5905. Re: Help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 23:29:57 UTC
From: Niel - W0VLZ
Topic: 5904 Message: 5905

Lou,

FT-243 pin diameter = 0.093" (2.4mm)

See http://af4k.com/crystal_holders.htm

Niel

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> What is the diameter of the FT-243 xtal pins? Tks, Lou
>

5906. Re: [AWA Group] Re: Help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 23:32:55 UTC
From: Louis Vermond
Topic: 5904 Message: 5906

Thank you, Niel. 73, Lou

----- Original Message -----
From: Niel - W0VLZ
To: AWAGroup@yahoogroups.com
Sent: 2012-03-12 7:29 PM
Subject: [AWA Group] Re: Help

Lou,

FT-243
pin diameter = 0.093" (2.4mm)
See http://af4k.com/crystal_holders.htm

Niel

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> What is the diameter of the FT-243 xtal pins? Tks, Lou
>

5907. Help 2

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-12 23:42:13 UTC
From: Louis Vermond
Topic: 5907 Message: 5907

When did the Ameco AC-1 first appear on the market? An about will do... Lou

5908. Re: [AWA Group] Help 2

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 00:01:06 UTC
From: Louis Vermond
Topic: 5907 Message: 5908

Found it. 1957

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: 2012-03-12 7:42 PM
Subject: [AWA Group] Help 2

When did the Ameco AC-1 first appear on the market? An about will do... Lou

5909. HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 05:18:36 UTC
From: Dan
Topic: 5909 Message: 5909

Hi Group:
Last Saturday at the Puyallup, WA Hamfair I picked up an HRO tuning assembly. Knob,gearbox and twin tuning capacitors. I won't tell you how much I paid for it - I hate to see grown-ups cry! I have cleaned off 50 years of crud and am in the process of restoring it. I am taking notes and plan to post them here when I am finished.
73,
Dan - W7OIL
PS - $15.00 - Go ahead and cry.

5910. Re: [AWA Group] HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 13:54:25 UTC
From: ne1s@securespeed.us
Topic: 5909 Message: 5910

> Hi Group:
> Last Saturday at the Puyallup, WA Hamfair I picked up an HRO tuning
> assembly. Knob,gearbox and twin tuning capacitors. I won't tell you how
> much I paid for it - I hate to see grown-ups cry! I have cleaned off 50
> years of crud and am in the process of restoring it. I am taking notes and
> plan to post them here when I am finished.
> 73,
> Dan - W7OIL
> PS - $15.00 - Go ahead and cry.
>

Dan,

A few years back I got the dial, PW drive unit, and HRO tuning capacitor
(4 gang) all for $5 at the AWA Conference fleamarket.

Not crying.

73,
-Larry/NE1S

5911. Re: [AWA Group] HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 13:58:54 UTC
From: Louis Vermond
Topic: 5909 Message: 5911

A few years ago someone offered my 27 off them NIB for free, but I declined. GM, Lou

----- Original Message -----
From: ne1s@...
To: AWAGroup@yahoogroups.com
Sent: 2012-03-13 9:54 AM
Subject: Re: [AWA Group] HRO dial

> Hi Group:
> Last Saturday at the Puyallup, WA Hamfair I picked up an HRO tuning
> assembly. Knob,gearbox and twin tuning capacitors. I won't tell you how
> much I paid for it - I hate to see grown-ups cry! I have cleaned off 50
> years of crud and am in the process of restoring it. I am taking notes and
> plan to post them here when I am finished.
> 73,
> Dan - W7OIL
> PS - $15.00 - Go ahead and cry.
>

Dan,

A few years back I got the dial, PW drive unit, and HRO tuning capacitor
(4 gang) all for $5 at the AWA Conference fleamarket.

Not crying.

73,
-Larry/NE1S

5912. Re: [AWA Group] HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 14:29:33 UTC
From: Roger Kuchera
Topic: 5909 Message: 5912

Hi Dan,
Lucky Dog! Don't forget to take the lid off the gearbox and clean out the congealed grease. I have had good luck with the white variety of LubriPlate to replace it. Good Luck.

CUL, Roger/K1TG

--- On Tue, 3/13/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] HRO dial
To: AWAGroup@yahoogroups.com
Date: Tuesday, March 13, 2012, 9:58 AM

A few years ago someone offered my 27 off them NIB for free, but I declined. GM, Lou

----- Original Message -----
From: ne1s@...
To: AWAGroup@yahoogroups.com
Sent: 2012-03-13 9:54 AM
Subject: Re: [AWA Group] HRO dial

> Hi Group:
> Last Saturday at the Puyallup, WA Hamfair I picked up an HRO tuning
> assembly. Knob,gearbox and twin tuning capacitors. I won't tell you how
> much I paid for it - I hate to see grown-ups cry! I have cleaned off 50
> years of crud and am in the process of restoring it. I am taking notes and
> plan to post them here when I am finished.
> 73,
> Dan - W7OIL
> PS - $15.00 - Go ahead and cry.
>

Dan,

A few years back I got the dial, PW drive unit, and HRO tuning capacitor
(4 gang) all for $5 at the AWA Conference fleamarket.

Not crying.

73,
-Larry/NE1S

5913. RE: [AWA Group] HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 14:37:56 UTC
From: Bauman, John
Topic: 5909 Message: 5913

The first liar just don't stand a chance!

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond [ldvermond@...]
Sent: Tuesday, March 13, 2012 6:58 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] HRO dial

A few years ago someone offered my 27 off them NIB for free, but I declined. GM, Lou

----- Original Message -----
From: ne1s@...<mailto:ne1s@securespeed.us>
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Sent: 2012-03-13 9:54 AM
Subject: Re: [AWA Group] HRO dial

> Hi Group:
> Last Saturday at the Puyallup, WA Hamfair I picked up an HRO tuning
> assembly. Knob,gearbox and twin tuning capacitors. I won't tell you how
> much I paid for it - I hate to see grown-ups cry! I have cleaned off 50
> years of crud and am in the process of restoring it. I am taking notes and
> plan to post them here when I am finished.
> 73,
> Dan - W7OIL
> PS - $15.00 - Go ahead and cry.
>

Dan,

A few years back I got the dial, PW drive unit, and HRO tuning capacitor
(4 gang) all for $5 at the AWA Conference fleamarket.

Not crying.

73,
-Larry/NE1S

5914. Re: [AWA Group] HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 15:41:50 UTC
From: Louis Vermond
Topic: 5909 Message: 5914
Attachments: 1 described; binary payloads are missing from this source WARC

The first liar just don't stand a chance!

Last summer had a bit of a dip off Newfoundland & came up with a Marconi Guillotine Key. Thru it back cuz I already had one like it in btr condx....

5915. RE: [AWA Group] HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 15:57:17 UTC
From: Mike Feher
Topic: 5909 Message: 5915
Attachments: 1 described; binary payloads are missing from this source WARC

Looks like one of Phil's replicas. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, March 13, 2012 11:42 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] HRO dial

The first liar just don't stand a chance!

Last summer had a bit of a dip off Newfoundland & came up with a Marconi Guillotine Key. Thru it back cuz I already had one like it in btr condx....

<http://www.kk4dw.com/GUILLOTINE.jpg>

5916. Re: [AWA Group] HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 16:22:28 UTC
From: Louis Vermond
Topic: 5909 Message: 5916
Attachments: 1 described; binary payloads are missing from this source WARC

No, it's much btr than that! Replica from the UK.

Lou

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2012-03-13 11:57 AM
Subject: RE: [AWA Group] HRO dial

Looks like one of Phil's replicas. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, March 13, 2012 11:42 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] HRO dial

The first liar just don't stand a chance!

Last summer had a bit of a dip off Newfoundland & came up with a Marconi Guillotine Key. Thru it back cuz I already had one like it in btr condx....

5917. Speaking of Marconi

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 16:25:28 UTC
From: Louis Vermond
Topic: 5917 Message: 5917

Chicken Marconi

4 lb. Chicken pieces

Coat with ¼ c. floor

Brown in 3 T. oil

Put chicken in 2 qt. casserole dish

……

Lightly brown ½ c. of chopped garlic and celery in above pan (More garlic than celery. Added Jan. 2011)

Add to pan:

Can mushrooms plus liquid

1/4c. chopped parsley

2 c. chicken broth

Small can tomato paste

½ t. salt

1 t. dry rosemary

¼ c. Green pepper

Simmer 5 minutes un-covered, scraping pan, pour over chicken in casserole.

Cover with foil.

Bake 30 minutes @ 350 F.

Uncover and bake for 30 minutes more.

Serve with pasta

5918. RE: [AWA Group] HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 16:48:27 UTC
From: Mike Feher
Topic: 5909 Message: 5918
Attachments: 1 described; binary payloads are missing from this source WARC

Yes, and Phil is in the UK. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, March 13, 2012 12:22 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] HRO dial

No, it's much btr than that! Replica from the UK.

Lou

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: 2012-03-13 11:57 AM

Subject: RE: [AWA Group] HRO dial

Looks like one of Phil's replicas. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, March 13, 2012 11:42 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] HRO dial

The first liar just don't stand a chance!

Last summer had a bit of a dip off Newfoundland & came up with a Marconi Guillotine Key. Thru it back cuz I already had one like it in btr condx....

<http://www.kk4dw.com/GUILLOTINE.jpg>

5919. Re: [AWA Group] HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 17:00:32 UTC
From: Louis Vermond
Topic: 5909 Message: 5919
Attachments: 1 described; binary payloads are missing from this source WARC

The Phil I am aware of is RIP...or am I mistaken in the name of the US forger?

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2012-03-13 12:48 PM
Subject: RE: [AWA Group] HRO dial

Yes, and Phil is in the UK. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, March 13, 2012 12:22 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] HRO dial

No, it's much btr than that! Replica from the UK.

Lou

----- Original Message -----

From: Mike Feher

To: AWAGroup@yahoogroups.com

Sent: 2012-03-13 11:57 AM

Subject: RE: [AWA Group] HRO dial

Looks like one of Phil's replicas. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, March 13, 2012 11:42 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] HRO dial

The first liar just don't stand a chance!

Last summer had a bit of a dip off Newfoundland & came up with a Marconi Guillotine Key. Thru it back cuz I already had one like it in btr condx....

5920. RE: [AWA Group] HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 17:02:50 UTC
From: Mike Feher
Topic: 5909 Message: 5920
Attachments: 1 described; binary payloads are missing from this source WARC

Just in case you did not know, that key was made by Phil Boyle, G0NVT. I have one as well along with an original. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Tuesday, March 13, 2012 12:48 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] HRO dial

Yes, and Phil is in the UK. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, March 13, 2012 12:22 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] HRO dial

No, it's much btr than that! Replica from the UK.

Lou

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: 2012-03-13 11:57 AM

Subject: RE: [AWA Group] HRO dial

Looks like one of Phil's replicas. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, March 13, 2012 11:42 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] HRO dial

The first liar just don't stand a chance!

Last summer had a bit of a dip off Newfoundland & came up with a Marconi Guillotine Key. Thru it back cuz I already had one like it in btr condx....

<http://www.kk4dw.com/GUILLOTINE.jpg>

5921. Re: [AWA Group] HRO dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 18:09:39 UTC
From: Louis Vermond
Topic: 5909 Message: 5921

Just in case you did not know, that key was made by Phil Boyle, G0NVT. I have ...an original. Trade it for a J-38? Nice one too...

5922. Re: [AWA Group] eBay Alert Just look.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 18:33:13 UTC
From: Bill Burns
Topic: 5894 Message: 5922

The GPO, along with the submarine cable companies, had extensive test facilities for their lines, with all sorts of instruments for use by engineers rather than operators. I'd say this is one of them.

The tall posts (not really practical for an operator) are characteristic of test equipment, used to reduce the effects of capacitance and leakage current during high-resistance tests.

Gustavo Coll shows similar Sullivan cable test keys on his site:

http://www.signa-uru.com/galeria/displayimage.php?album=9&pos=10

--
Bill

On 3/12/2012 9:51 AM, Mike Feher wrote:
>
>
> I agree, and I was reluctant to make that comment because of it, but, it
> just does not look like a typical GPO key, in fact, far from it. - Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] *On
> Behalf Of *Louis Vermond
> *Sent:* Monday, March 12, 2012 9:43 AM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] eBay Alert Just look.....
>
> Mike,
>
> Yet, "GPO" (General Post Office) does suggest otherwise.
>
> Lou
>
> ----- Original Message -----
>
> *From:*Mike Feher <mailto:n4fs@...>
>
> *To:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>

>
> *Sent:*2012-03-12 9:32 AM
>
> *Subject:*RE: [AWA Group] eBay Alert Just look.....
>
> I believe that this is a laboratory item and not meant for code. ?
> 73 - Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com]
> <mailto:[mailto:AWAGroup@yahoogroups.com]> *On Behalf Of *Louis Vermond
> *Sent:* Monday, March 12, 2012 9:23 AM
> *To:* AWAGroup
> *Subject:* [AWA Group] eBay Alert Just look.....
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=120874823783&ssPageName=ADME:B:SS:US:
1123
> <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=120874823783&ssPageName=ADME:B:SS:US
:1123>

5923. Re: [AWA Group] eBay Alert Just look.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 19:54:24 UTC
From: Louis Vermond
Topic: 5894 Message: 5923
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you, Bill for clearing that up. Lou

5924. RE: [AWA Group] eBay Alert Just look.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 20:11:40 UTC
From: Mike Feher
Topic: 5894 Message: 5924
Attachments: 1 described; binary payloads are missing from this source WARC

You have a hard head Lou J. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, March 13, 2012 3:54 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert Just look.....

Thank you, Bill for clearing that up. Lou

5925. Background test...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 23:54:26 UTC
From: Louis Vermond
Topic: 5925 Message: 5925
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

5926. Re: [AWA Group] Background test...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-13 23:56:28 UTC
From: Louis Vermond
Topic: 5925 Message: 5926

Well, that did not work.

5927. RE: [AWA Group] Background test...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 00:04:10 UTC
From: Mike Feher
Topic: 5925 Message: 5927

I think I may have mentioned before that I went to school with Chuck Bliley.
He was in the dorm room next to mine. Of course, this was back in 1965.
Since then I have seen him numerous times at AWA meets. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Louis Vermond
Sent: Tuesday, March 13, 2012 7:54 PM
To: AWAGroup
Subject: [AWA Group] Background test...

5928. 1929 Chicago Radio catalog and ham book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 00:10:13 UTC
From: Jon
Topic: 5928 Message: 5928

Here's a scan I found while browsing the web:
http://antiqueradioarchives.com/Chicago%20Radio%20Catalog%20and%20Ham-Bo\
ok%201929-1930.pdf
<Here%27s%20a%20scan%20I%20found%20while%20browsing%20the%20web:%20http:\
//antiqueradioarchives.com/Chicago%20Radio%20Catalog%20and%20Ham-Book%20\
1929-1930.pdf%20%20Useful%20for%20making%20sure%20the%20parts%20you%27re\
%20using%20in%20your%20project%20where%20actually%20available%20in%20192\
9>

Useful for making sure the parts you're using in your project where
actually available in 1929.

5929. Wondering...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 01:06:42 UTC
From: Louis Vermond
Topic: 5929 Message: 5929

"Years ago (decades actually), I built my first rig. It was a one-tube transmitter from the "Other Handbook" (Collins) available at that time."

I found this on the AMECO AC-1 Transmitter Group. Does anyone here have this handbook in their library? Lou

5930. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 01:15:40 UTC
From: Louis Vermond
Topic: 130 Message: 5930
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.ca/itm/Vintage-Acme-Antique-Radio-Variable-Air-Capacitor-/360427066578?pt=LH_DefaultDomain_0&hash=item53eb2094d2

5931. eBay Super Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 01:22:31 UTC
From: Louis Vermond
Topic: 5931 Message: 5931

Scan down to the bottom of his list...

http://www.ebay.ca/sch/gadget-guy/m.html?hash=item3f14fa3c69&item=270934883433&pt=Vintage_Electronics_R2&_trksid=p4340.l2562

5932. Re: [AWA Group] eBay Super Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 01:43:30 UTC
From: Daniel Petersen
Topic: 5931 Message: 5932

Nice stuff but he sure wants to rip you off with the shipping.
Dan - W7OIL

On Tue, Mar 13, 2012 at 6:22 PM, Louis Vermond <ldvermond@...>wrote:

> **
>
>
> **
> Scan down to the bottom of his list...
>
>
> http://www.ebay.ca/sch/gadget-guy/m.html?hash=item3f14fa3c69&item=270934883433&pt=Vintage_Electronics_R2&_trksid=p4340.l2562
>
>
>
>

5933. UX201A TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 03:43:43 UTC
From: alexm_1968
Topic: 5889 Message: 5933

Hi All, schematic reposted

5934. Re: [AWA Group] eBay Super Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 11:42:59 UTC
From: Robert S Jenkins
Topic: 5931 Message: 5934

That is the international shipping charge.

Robert
KG4KGL

Sent from my iPhone

On Mar 13, 2012, at 21:43, Daniel Petersen <dan.w7oil@...> wrote:

>
>
> Nice stuff but he sure wants to rip you off with the shipping.
> Dan - W7OIL
>
> On Tue, Mar 13, 2012 at 6:22 PM, Louis Vermond <ldvermond@...> wrote:
>
>
> Scan down to the bottom of his list...
>
> http://www.ebay.ca/sch/gadget-guy/m.html?hash=item3f14fa3c69&item=270934883433&pt=Vintage_Electronics_R2&_trksid=p4340.l2562
>
>
>
>
>
>

5935. Re: [AWA Group] Wondering...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 17:53:06 UTC
From: Larry Szendrei
Topic: 5929 Message: 5935

On 3/13/2012 9:06 PM, Louis Vermond wrote:
>
> "Years ago (decades actually), I built my first rig. It was a one-tube
> transmitter from the "Other Handbook" (Collins) available at that time."
>

I have the 10th edition up on my bookshelf.

The "other handbook" is the Frank Jones/Editors and Engineers handbook.
Collins is the "other other handbook."

73,
-Larry/NE1S

5936. Re: [AWA Group] eBay Super Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 17:54:45 UTC
From: Larry Szendrei
Topic: 5931 Message: 5936

On 3/13/2012 9:43 PM, Daniel Petersen wrote:
>
> Nice stuff but he sure wants to rip you off with the shipping.
> Dan - W7OIL
>
>

But if you're Wile E. Coyote you may not care!

5937. Re: [AWA Group] eBay Super Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 18:03:46 UTC
From: Larry Szendrei
Topic: 5931 Message: 5937

On 3/14/2012 1:54 PM, Larry Szendrei wrote:
>
> On 3/13/2012 9:43 PM, Daniel Petersen wrote:
>
>> Nice stuff but he sure wants to rip you off with the shipping.
>> Dan - W7OIL
>>
>>
>
> But if you're Wile E. Coyote you may not care!
>
>
Oops -

That reply referred to Lou's Ebay post directly preceding the one I actually replied to.

-Larry/NE1S

5938. Super

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 18:57:50 UTC
From: Louis Vermond
Topic: 5938 Message: 5938
Attachments: 1 described; binary payloads are missing from this source WARC

But if you're Wile E. Coyote you may not care!

Oops - That reply referred to Lou's Ebay post directly preceding the one I actually replied to. -Larry/NE1S

5939. Collins one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 19:00:02 UTC
From: Louis Vermond
Topic: 5939 Message: 5939

Larry--

Is there a one-tube transmitter in the other other? If so, do u have a scanner? Lou

5940. Re: [AWA Group] Super

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 19:46:56 UTC
From: Larry Szendrei
Topic: 5938 Message: 5940
Attachments: 1 described; binary payloads are missing from this source WARC

On 3/14/2012 2:57 PM, Louis Vermond wrote:
>
> But if you're Wile E. Coyote you may not care!
>
> Oops - That reply referred to Lou's Ebay post directly preceding the
> one I actually replied to. -Larry/NE1S
>
>
It was an ACME variable condenser...

5941. Re: Collins one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 20:55:44 UTC
From: RJ Mattson
Topic: 5939 Message: 5941
Attachments: 1 described; binary payloads are missing from this source WARC

This is the west coast (Radio) handbook one tube 6A6 xmtr.
bob...w2ami x wn2ami 1962

5942. RE: [AWA Group] Re: Collins one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 20:59:16 UTC
From: Mike Feher
Topic: 5939 Message: 5942

This is cool - I really like it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of RJ Mattson
Sent: Wednesday, March 14, 2012 4:56 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Collins one-tube transmitter

This is the west coast (Radio) handbook one tube 6A6 xmtr.

bob...w2ami x wn2ami 1962

5943. RE: [AWA Group] Re: Collins one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 21:03:02 UTC
From: Mike Feher
Topic: 5939 Message: 5943

I should have said, I expect no less from Bob. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Mike Feher
Sent: Wednesday, March 14, 2012 4:59 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Re: Collins one-tube transmitter

This is cool - I really like it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of RJ Mattson
Sent: Wednesday, March 14, 2012 4:56 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Collins one-tube transmitter

This is the west coast (Radio) handbook one tube 6A6 xmtr.

bob...w2ami x wn2ami 1962

5944. bob...w2ami & his @$#! one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 21:55:55 UTC
From: Louis Vermond
Topic: 5944 Message: 5944
Attachments: 1 described; binary payloads are missing from this source WARC

Just as you start thinking you're hot snot in the building department, along comes Bob with one of his bomb shells. I wish Dolly Parton would fall on him....

5945. RE: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 22:25:46 UTC
From: Mike Feher
Topic: 5944 Message: 5945
Attachments: 1 described; binary payloads are missing from this source WARC

My GF's son is a "Music Mogul" and Dolly is one of his clients. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, March 14, 2012 5:56 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Just as you start thinking you're hot snot in the building department, along comes Bob with one of his bomb shells. I wish Dolly Parton would fall on him....

5946. Re: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 22:53:41 UTC
From: Louis Vermond
Topic: 5944 Message: 5946

My GF's son is a "Music Mogul" and Dolly is one of his clients. - I have Bob's address...

5947. Wile E. Coyote

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 22:58:25 UTC
From: Louis Vermond
Topic: 5947 Message: 5947
Attachments: 1 described; binary payloads are missing from this source WARC

It was an ACME variable condenser....

Ah, yes...

5948. CM-2... Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 23:06:14 UTC
From: Louis Vermond
Topic: 5948 Message: 5948
Attachments: 1 described; binary payloads are missing from this source WARC

Just a few minutes ago from Texas. VE7SL

http://www.flickr.com/photos/ak5x/6983064705/in/photostream

5949. Re: [AWA Group] CM-2... Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-14 23:23:56 UTC
From: Larry Szendrei
Topic: 5948 Message: 5949

On 3/14/2012 7:06 PM, Louis Vermond wrote:
>
> Just a few minutes ago from Texas. VE7SL
>
> http://www.flickr.com/photos/ak5x/6983064705/in/photostream
>

Congrats on the QSO and the finely-built transmitter, Steve.

Someone else who needs a Dolly Parton fall ;-)

73,
-Larry/NE1S

5950. Re: [AWA Group] CM-2... Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-15 00:52:12 UTC
From: ve7sl@shaw.ca
Topic: 5948 Message: 5950

>Congrats on the QSO and the finely-built transmitter, Steve.

Tnx Larry...maybe we can hook up on 10m CW one of these mornings!

> Someone else who needs a Dolly Parton fall ;-)

I wouldn't say no to a double-whammy from Dolly :-))

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5951. Re: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-15 05:07:03 UTC
From: Daniel Petersen
Topic: 5944 Message: 5951
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for the "mammaries"... 8^)
Dan - 7OIL

On Wed, Mar 14, 2012 at 2:55 PM, Louis Vermond <ldvermond@...>wrote:

> **
>
>
> **
> Just as you start thinking you're hot snot in the building department,
> along comes Bob with one of his bomb shells. I wish Dolly Parton would fall
> on him....
>
>
>

5952. RE: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-15 05:55:42 UTC
From: Bauman, John
Topic: 5944 Message: 5952
Attachments: 1 described; binary payloads are missing from this source WARC

Very nice!

A Frank Jones push pull TX with a #53 tube. Good for 10 watts too!

John

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen [dan.w7oil@...m]
Sent: Wednesday, March 14, 2012 10:07 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Thanks for the "mammaries"... 8^)
Dan - 7OIL

On Wed, Mar 14, 2012 at 2:55 PM, Louis Vermond <ldvermond@...<mailto:ldvermond@...>> wrote:

Just as you start thinking you're hot snot in the building department, along comes Bob with one of his bomb shells. I wish Dolly Parton would fall on him....

[cid:D8A95B70763B4FDA9B78E4581DD605A1@HERTHA]

5953. RE: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-15 06:24:59 UTC
From: Bauman, John
Topic: 5944 Message: 5953

Oh, I stand corrected. A 6A6!

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Bauman, John
Sent: Wednesday, March 14, 2012 10:55 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Very nice!

A Frank Jones push pull TX with a #53 tube. Good for 10 watts too!

John

From: AWAGroup@yahoogroups.com<mailto:AWAGroup%40yahoogroups.com>
[AWAGroup@yahoogroups.com<mailto:AWAGroup%40yahoogroups.com>] On Behalf Of Daniel Petersen
[dan.w7oil@...<mailto:dan.w7oil%40gmail.com>]
Sent: Wednesday, March 14, 2012 10:07 PM
To: AWAGroup@yahoogroups.com<mailto:AWAGroup%40yahoogroups.com>
Subject: Re: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Thanks for the "mammaries"... 8^)
Dan - 7OIL

On Wed, Mar 14, 2012 at 2:55 PM, Louis Vermond <ldvermond@sympatico.ca<mailto:ldvermond%40sympatico.ca><mailto:ldvermond@...<mailto:ldvermond%40sympatico.ca>>> wrote:

Just as you start thinking you're hot snot in the building department, along comes Bob with one of his bomb shells. I wish Dolly Parton would fall on him....

[cid:D8A95B70763B4FDA9B78E4581DD605A1@HERTHA]

5954. RE: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-15 11:25:05 UTC
From: ne1s@securespeed.us
Topic: 5944 Message: 5954

> Very nice!
>
> A Frank Jones push pull TX with a #53 tube. Good for 10 watts too!
>

I think Bob said it was a 6A6 - same as a 53 except for the 6.3V heater
vs. 2.5V for the 53.

73,
-Larry/NE1S

5955. RE: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-15 11:26:06 UTC
From: ne1s@securespeed.us
Topic: 5944 Message: 5955

> Oh, I stand corrected. A 6A6!
>

Yeah, twice ;-)

Apologies for the redundancy...

-Larry/NE1S

5956. RE: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-15 16:17:03 UTC
From: Bauman, John
Topic: 5944 Message: 5956

And since they use the same seven pin base you have your choice of tubes.
Just change the tube and use the proper filament supply and away ya go.

Also, a 6N7 is an octal base 6A6. So, if you can't find a seven pin socket
this tube works great too. Just about any twin triode will work in this circuit
tho I don't know how many will give you 10w.

John
KB7NRN

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of ne1s@... [ne1s@...]
Sent: Thursday, March 15, 2012 4:25 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] bob...w2ami & his @$#! one-tube transmitter

> Very nice!
>
> A Frank Jones push pull TX with a #53 tube. Good for 10 watts too!
>

I think Bob said it was a 6A6 - same as a 53 except for the 6.3V heater
vs. 2.5V for the 53.

73,
-Larry/NE1S

5957. 1929 style receiver B supply

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-16 18:59:44 UTC
From: Jon AB9ZG
Topic: 5957 Message: 5957

Here is a little B supply I built for an upcoming superhet project. It provides 1 fixed B voltage, 3 adjustable B voltages and 2 adjustable C voltages. Uses a Silver-Marshall 329 power transformer, 331 dual choke, 332 condenser bank, 511 tube socket, plus an Electrad Truvolt Divider.

Superhet parts.

5958. Re: [AWA Group] 1929 style receiver B supply

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-16 19:23:59 UTC
From: Leonard Meek
Topic: 5957 Message: 5958

Cool!
----- Original Message -----
From: Jon AB9ZG
To: AWAGroup@yahoogroups.com
Sent: Friday, March 16, 2012 8:59 AM
Subject: [AWA Group] 1929 style receiver B supply

Here is a little B supply I built for an upcoming superhet project. It provides 1 fixed B voltage, 3 adjustable B voltages and 2 adjustable C voltages. Uses a Silver-Marshall 329 power transformer, 331 dual choke, 332 condenser bank, 511 tube socket, plus an Electrad Truvolt Divider.

Superhet parts.

5959. Re: [AWA Group] 1929 style receiver B supply

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-16 19:44:05 UTC
From: Larry Szendrei
Topic: 5957 Message: 5959

On 3/16/2012 2:59 PM, Jon AB9ZG wrote:
>
> Here is a little B supply I built for an upcoming superhet project. It
> provides 1 fixed B voltage, 3 adjustable B voltages and 2 adjustable C
> voltages. Uses a Silver-Marshall 329 power transformer, 331 dual
> choke, 332 condenser bank, 511 tube socket, plus an Electrad Truvolt
> Divider.
>

Very nice!

5960. Sky Buddy parts wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-18 21:12:22 UTC
From: Doug Forbes
Topic: 5960 Message: 5960

Anybody got a parted out S-19R or S-19 ? I need the RF coil assembly and the band 4 osc coil.

Probably should junk the thing with all the extra holes it has in it but it does work on one band.

Thanks

Doug WA6VYN

5961. Army Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-19 14:40:00 UTC
From: Louis Vermond
Topic: 5961 Message: 5961

Does anyone have info on this WW2 Army rig? If not, do you know someone that would?

Tks, Lou

5962. Re: [AWA Group] Army Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-19 14:44:27 UTC
From: Eddy Swynar
Topic: 5961 Message: 5962

Hi Lou,

Which rig...?

~73~ de Eddy VE3CUI - VE3XZ

On 2012-03-19, at 10:40 AM, Louis Vermond wrote:

>
> Does anyone have info on this WW2 Army rig? If not, do you know someone that would?
>
> Tks, Lou
>
>

5963. RE: [AWA Group] Army Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-19 15:06:07 UTC
From: Mike Feher
Topic: 5961 Message: 5963

He was probably in a rush as in jail he has limited time to use the computer. I think he may have been one of the people arrested for starting the riots in London on St. Patty's day. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Monday, March 19, 2012 10:44 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Army Rig

Hi Lou,

Which rig...?

~73~ de Eddy VE3CUI - VE3XZ

On 2012-03-19, at 10:40 AM, Louis Vermond wrote:

Does anyone have info on this WW2 Army rig? If not, do you know someone that would?

Tks, Lou

5964. Re: [AWA Group] Army Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-19 15:20:12 UTC
From: Louis Vermond
Topic: 5961 Message: 5964
Attachments: 1 described; binary payloads are missing from this source WARC

He was probably in a rush as in jail he has limited time to use the computer. I think he may have been one of the people arrested for starting the riots in London on St. Patty's day. 73 - Mike

5965. Army Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-19 15:21:48 UTC
From: Louis Vermond
Topic: 5961 Message: 5965
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

5966. RE: [AWA Group] Army Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-19 17:55:36 UTC
From: Mike Feher
Topic: 5961 Message: 5966
Attachments: 1 described; binary payloads are missing from this source WARC

I do not know what it is, but, it sure looks home brew to me. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, March 19, 2012 11:22 AM
To: AWAGroup
Cc: Joe Cro N3IBX; Fred Rice WA3KIO
Subject: [AWA Group] Army Rig

5967. Re: [AWA Group] Army Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-19 18:10:56 UTC
From: Louis Vermond
Topic: 5961 Message: 5967

I do not know what it is, but, it sure looks home brew to me. It does at that, Mike.

A German e-Bayer collects such & "secret code" related items. Asked me if I knw anything about it.

73 & tks, Lou

5968. RE: [AWA Group] Army Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-19 18:21:48 UTC
From: Mike Feher
Topic: 5961 Message: 5968

Wow - he expected YOU to know J?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, March 19, 2012 2:11 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Army Rig

I do not know what it is, but, it sure looks home brew to me. It does at that, Mike.

A German e-Bayer collects such & "secret code" related items. Asked me if I knw anything about it.

73 & tks, Lou

5969. Re: [AWA Group] Army Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-19 18:37:56 UTC
From: Louis Vermond
Topic: 5961 Message: 5969
Attachments: 1 described; binary payloads are missing from this source WARC

Sure why not? I'm a smarty pants..

Wolfgang won a book of mine. The title page below.
Guess he thought I would know.

5970. eBay Alert.....Interesting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-20 21:21:29 UTC
From: Louis Vermond
Topic: 5970 Message: 5970

1920's/30's American RICO " Tropaformer " variable LF Intervalve Transformer
http://www.ebay.co.uk/itm/1920s-30s-American-RICO-Tropaformer-variable-LF-Intervalve-Transformer-/170807257114?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item27c4e7e81a

5971. Re: [AWA Group] eBay Alert.....Interesting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-20 22:00:14 UTC
From: ve7sl@shaw.ca
Topic: 5970 Message: 5971

I've not seen anything like this...I'm assuming that it is some sort of interstage audio (maybe typical 3:1) but what is variable?...perhaps a pot in the grid line?

Steve

1920's/30's American RICO " Tropaformer " variable LF Intervalve Transformer
http://www.ebay.co.uk/itm/1920s-30s-American-RICO-Tropaformer-variable-LF-Intervalve-Transformer-/170807257114?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item27c4e7e81a

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5972. Re: [AWA Group] eBay Alert.....Interesting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-20 22:26:03 UTC
From: Louis Vermond
Topic: 5970 Message: 5972

That snds good. The seller. Peter Smithhurst has bn my major source for UK parts for 3.5 yrs. Look up his name. Quite a career.
----- Original Message -----
From: ve7sl@...
To: AWAGroup@yahoogroups.com
Sent: 2012-03-20 6:00 PM
Subject: Re: [AWA Group] eBay Alert.....Interesting

I've not seen anything like this...I'm assuming that it is some sort of interstage audio (maybe typical 3:1) but what is variable?...perhaps a pot in the grid line?

Steve

1920's/30's American RICO " Tropaformer " variable LF Intervalve Transformer
http://www.ebay.co.uk/itm/1920s-30s-American-RICO-Tropaformer-variable-LF-Intervalve-Transformer-/170807257114?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item27c4e7e81a

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

---

Yahoo! Groups Links

5973. eBay Alert....Gorgeous

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-20 22:43:36 UTC
From: Louis Vermond
Topic: 5973 Message: 5973

http://www.ebay.ca/itm/2x-Tungsram-O15-400-4V-400V-Triode-verry-Big-Beauty-/390399937952?pt=Vintage_Electronics_R2&hash=item5ae5a64da0

5974. 1929 Type Homebrew Crystal Holders?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-22 02:14:46 UTC
From: Jon AB9ZG
Topic: 5974 Message: 5974

I'm going to be using crystal control on my new transmitter, however I'm not likely to find an authentic commercial crystal holder. Can anyone recall any QST articles on making homebrew crystal holders from the late 20's? My QST collection isn't very complete.

5975. Re: [AWA Group] 1929 Type Homebrew Crystal Holders?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-22 07:57:32 UTC
From: Louis Vermond
Topic: 5974 Message: 5975
Attachments: 3 described; binary payloads are missing from this source WARC

Jon,

Awoke at 2:30 this morning. Just spent a pleasant hour looking for the info you've requested.

A look thru the '29 indexes shows no dope on xtal holders, but did have btr luck with the 1928 & '32 handbooks. See below...

Lou VE3AWA

1928 Hdbook

1932

5976. Re: [AWA Group] 1929 Type Homebrew Crystal Holders?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-22 13:45:39 UTC
From: Jon AB9ZG
Topic: 5974 Message: 5976

Many thanks Lou. Those look pretty easy to make.

5977. Re: [AWA Group] 1929 Type Homebrew Crystal Holders?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-22 13:52:11 UTC
From: Louis Vermond
Topic: 5974 Message: 5977

Happy cutting, drilling & tapping, Jon. Lou

----- Original Message -----
From: Jon AB9ZG
To: AWAGroup@yahoogroups.com
Sent: 2012-03-22 9:45 AM
Subject: Re: [AWA Group] 1929 Type Homebrew Crystal Holders?

Many thanks Lou. Those look pretty easy to make.

5978. Re: 1929 Type Homebrew Crystal Holders?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-22 15:53:57 UTC
From: Don
Topic: 5974 Message: 5978

--- In AWAGroup@yahoogroups.com, "Jon AB9ZG" <ab9zg@...> wrote:
>
> "I'm going to be using crystal control on my new transmitter, however I'm not likely to find an authentic commercial crystal holder. Can anyone recall any QST articles on making homebrew crystal holders from the late 20's? My QST collection isn't very complete."

Jon,
What type of early crystal holder did you have your heart set on? I have some big ol ones that I will not be using and would pop one or two in an envelope and mail them to you if they are going to a good home (ie will be used) I would write the debt on a block of ice and it would melt in the spring. ;>)
Don VE3LYX
>

5979. Need a Millen Viable

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-22 17:40:56 UTC
From: Gary H. Harmon, Jr.
Topic: 5979 Message: 5979

I am in need of a Millen variable capacitor, part number 22100. It's an open variable for a Millen 90800 transmitter. I could also use some coils or coil forms as I only have the 80 meter coils.

73,

Gary H. Harmon, Jr. - K5JWK

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c

"Too many projects, not enough time".

5980. RE: [AWA Group] 1929 Type Homebrew Crystal Holders?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-22 18:07:03 UTC
From: Bauman, John
Topic: 5974 Message: 5980
Attachments: 3 described; binary payloads are missing from this source WARC

The 4XE crystal holder was mfd by General Radio.
In one of the 1927 QST's there's an article about crystal controlled MOPA TX
that uses the 4XE holder.

6 or 7 years ago someone on Antique Radios.com built a TX using one.

I don't recall seeing any plug in type crystal holders till the '30s.

John
KB7NRN

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis
Vermond
Sent: Thursday, March 22, 2012 12:58 AM
To: AWAGroup
Subject: Re: [AWA Group] 1929 Type Homebrew Crystal Holders?

Jon,

Awoke at 2:30 this morning. Just spent a pleasant hour looking for the info you've
requested.

A look thru the '29 indexes shows no dope on xtal holders, but did have btr luck with the
1928 & '32 handbooks. See below...

Lou VE3AWA

1928 Hdbook
[cid:image001.jpg@01CD081B.E76900D0]

1932
[cid:image002.jpg@01CD081B.E76900D0]

[cid:image003.jpg@01CD081B.E76900D0]

5981. 1929 Type Homebrew Crystal Holders? & Jon

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 01:39:00 UTC
From: Louis Vermond
Topic: 5981 Message: 5981
Attachments: 2 described; binary payloads are missing from this source WARC

Jon,

Here is another holder. Lou

5982. Re: [AWA Group] 1929 Type Homebrew Crystal Holders?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 01:46:15 UTC
From: Louis Vermond
Topic: 5974 Message: 5982
Attachments: 1 described; binary payloads are missing from this source WARC

John,

Here is another xtal rig from 1927 using the most orgasmic holder of them all, the GR Type 356.

Jon,

If you want the article, happy to scan and send.

Lou

5983. Tri-Tet Project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 03:24:54 UTC
From: ve7sl@shaw.ca
Topic: 5974 Message: 5983

Yesterday I added a new page to my website that some of you may find of interest as it describes my recently-completed "Tri-Tet-Ten", a 6L6 Tri-tet tailored for 10m CW:

http://members.shaw.ca/ve7sl/tritet.html

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

5984. Aussie Homebrew

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 04:48:31 UTC
From: roamer64
Topic: 5984 Message: 5984

Hi all,
A while back I was telling Lou about a homebrew radio I had just gotten working and he asked for pics. It had had several loose solder joints, one wire completely unhooked, and one broken wire in the main tuning coil and about three breaks in the regen coil. I took a shortcut and just shortened both a bit since the breaks were at the ends. It turns out this thing goes in and out of oscillation smoooooothly with an 01A and about 27 volts on the plate.
Pics of it and other bits are in my album "Roamer64's radios & bits"
Enjoy!

Lindsey

5985. RE: [AWA Group] 1929 Type Homebrew Crystal Holders?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 12:51:59 UTC
From: Bauman, John
Topic: 5974 Message: 5985
Attachments: 1 described; binary payloads are missing from this source WARC

Lou,
Yes that's the article I was speaking of. I thought it used the 4XE holder.

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 22, 2012 6:46 PM
To: AWAGroup
Subject: Re: [AWA Group] 1929 Type Homebrew Crystal Holders?

John,

Here is another xtal rig from 1927 using the most orgasmic holder of them all, the GR Type 356.

Jon,

If you want the article, happy to scan and send.

Lou

[cid:image001.jpg@01CD08B9.0F4ED910]

5986. OT Rig For Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 14:47:53 UTC
From: Eddy Swynar
Topic: 5986 Message: 5986

Hi Guys,

I don't know what the protocol might be with respect to selling complete rigs here, but I DO know that there are those among us who, for whatever reason(s), will not, or can not, "homebrew" a 1929-style rig, and because of that, are missing-out on a LOT of potential fun on the air...

To those I say, "Never fear!" A good friend of mine has advised me that he has an acquaintance with what appears to be a 1929-style self-excited rig that's available for sale, utilizing what appears to be a '45 tube. It's built upon what looks to be a pine board, uses copper tubing for the coils sitting atop brown beehive insulators, & includes a vintage-looking straight key.

I have two photographs, but alas & alack, the wondrously instinctive wherewithall required for me to scan & e-mail these images on this incidious & over-priced iMac Apple computer went to the grave with the dearly departed Steve Jobs...

No matter: if anyone reading this is interested in a "plug & play" vintage transmitter, please contact its owner / builder directly, i.e. PETER GRAY at (705) 325-3161...

Thanks for the time & bandwidth...

~73!~ de Eddy VE3CUI - VE3XZ

5987. RE: [AWA Group] OT Rig For Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 15:22:41 UTC
From: Mike Feher
Topic: 5986 Message: 5987

Eddy -

No problem at all. Wish you could have posted the photos however. Also, if someone would like to sell something on here they should have a stated price, rather than expecting group members to get into a bidding war. In that case, eBay would be a better alternative. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Friday, March 23, 2012 10:48 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] OT Rig For Sale

Hi Guys,

I don't know what the protocol might be with respect to selling complete rigs here, but I DO know that there are those among us who, for whatever reason(s), will not, or can not, "homebrew" a 1929-style rig, and because of that, are missing-out on a LOT of potential fun on the air...

To those I say, "Never fear!" A good friend of mine has advised me that he has an acquaintance with what appears to be a 1929-style self-excited rig that's available for sale, utilizing what appears to be a '45 tube. It's built upon what looks to be a pine board, uses copper tubing for the coils sitting atop brown beehive insulators, & includes a vintage-looking straight key.

I have two photographs, but alas & alack, the wondrously instinctive wherewithall required for me to scan & e-mail these images on this incidious & over-priced iMac Apple computer went to the grave with the dearly departed Steve Jobs...

No matter: if anyone reading this is interested in a "plug & play" vintage transmitter, please contact its owner / builder directly, i.e. PETER GRAY at (705) 325-3161...

Thanks for the time & bandwidth...

~73!~ de Eddy VE3CUI - VE3XZ

5988. For Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 15:36:12 UTC
From: Louis Vermond
Topic: 5988 Message: 5988
Attachments: 1 described; binary payloads are missing from this source WARC

Also, if someone would like to sell something on here they should have a stated price...

5 cents... firm

5989. RE: [AWA Group] For Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 15:58:01 UTC
From: Mike Feher
Topic: 5988 Message: 5989
Attachments: 1 described; binary payloads are missing from this source WARC

Of course, the group would not be complete without Lou's juvenile quips J.

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, March 23, 2012 11:36 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] For Sale

Also, if someone would like to sell something on here they should have a stated price...

5 cents... firm

5990. Re: [AWA Group] OT Rig For Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 16:44:57 UTC
From: Eddy Swynar
Topic: 5986 Message: 5990

On 2012-03-23, at 11:22 AM, Mike Feher wrote
>
>
> No problem at all. Wish you could have posted the photos however. Also, if someone would like to sell something on here they should have a stated price, rather than expecting group members to get into a bidding war. In that case, eBay would be a better alternative.
>
>

Hi Mike,

The intention was not to initiate a bidding war---far from it...

The seller (Peter) told my friend (VE3EQA) that he was "hoping" to garner $75.00 - $100.00 for it, which even my buddy thought was rather excessive.

I thought it would have been best for any interested party to contact the seller directly, & make his own arrangements, rather than ignite any sort of a "flaming war" here re. $$$. If it's overpriced (and I agree that is), perhaps a one-on-one with a potential buyer might cause Peter to re-think his pricing...

In any event, the potential exists for another participant to enjoy the fun & frolics of the next 1929 BK affair if he might be so inclined, but finds the smell of melted rosin core solder to be somehow disagreeable...! : >)

As for photographs, well, if I could I certainly would have attached them! Perhaps it might be best for me to advertise this odious iMac computer for sale, buy a Microsoft-based machine for a fraction of the price, and use the difference as a war chest in preparation of the upcoming AWA Spring Meet! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

5991. RE: [AWA Group] OT Rig For Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 16:54:49 UTC
From: Mike Feher
Topic: 5986 Message: 5991

Eddy -

I completely understand where you are coming from and your willingness to help. If it is really a nicely built rig, then, in my opinion, the price is too low, HI. Of course not having seen it, it is hard to comment. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Friday, March 23, 2012 12:45 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] OT Rig For Sale

On 2012-03-23, at 11:22 AM, Mike Feher wrote

No problem at all. Wish you could have posted the photos however. Also, if someone would like to sell something on here they should have a stated price, rather than expecting group members to get into a bidding war. In that case, eBay would be a better alternative.

Hi Mike,

The intention was not to initiate a bidding war---far from it...

The seller (Peter) told my friend (VE3EQA) that he was "hoping" to garner $75.00 - $100.00 for it, which even my buddy thought was rather excessive.

I thought it would have been best for any interested party to contact the seller directly, & make his own arrangements, rather than ignite any sort of a "flaming war" here re. $$$. If it's overpriced (and I agree that is), perhaps a one-on-one with a potential buyer might cause Peter to re-think his pricing...

In any event, the potential exists for another participant to enjoy the fun & frolics of the next 1929 BK affair if he might be so inclined, but finds the smell of melted rosin core solder to be somehow disagreeable...! :>)

As for photographs, well, if I could I certainly would have attached them! Perhaps it might be best for me to advertise this odious iMac computer for

sale, buy a Microsoft-based machine for a fraction of the price, and use the difference as a war chest in preparation of the upcoming AWA Spring Meet! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

5992. AWA Group

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 17:31:19 UTC
From: Leonard Meek
Topic: 5992 Message: 5992

Haven't seen anything from "Bugsy" lately. I hope he's well.

Leonard

5993. Re: [AWA Group] AWA Group

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 17:54:48 UTC
From: Louis Vermond
Topic: 5992 Message: 5993

He's taking a break....

Lou
----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2012-03-23 1:31 PM
Subject: [AWA Group] AWA Group

Haven't seen anything from "Bugsy" lately. I hope he's well.

Leonard

5994. Re: [AWA Group] 1929 Type Homebrew Crystal Holders?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 18:16:14 UTC
From: Don
Topic: 5974 Message: 5994

--- In AWAGroup@yahoogroups.com, "Bauman, John" <john.bauman@...> wrote:
>
> The 4XE crystal holder was mfd by General Radio.
> In one of the 1927 QST's there's an article about crystal controlled MOPA TX
> that uses the 4XE holder.
>
> 6 or 7 years ago someone on Antique Radios.com built a TX using one.
>
> I don't recall seeing any plug in type crystal holders till the '30s.
>
> John
> KB7NRN
>
> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis
Vermond
> Sent: Thursday, March 22, 2012 12:58 AM
> To: AWAGroup
> Subject: Re: [AWA Group] 1929 Type Homebrew Crystal Holders?
>
>
> Jon,
>
> Awoke at 2:30 this morning. Just spent a pleasant hour looking for the info you've
requested.
>
> A look thru the '29 indexes shows no dope on xtal holders, but did have btr luck with the
1928 & '32 handbooks. See below...
>
> Lou VE3AWA
>
> 1928 Hdbook
> [cid:image001.jpg@...]
>
> 1932
> [cid:image002.jpg@...]
>
> [cid:image003.jpg@...]
Ok biggest oldest I have is FMT-1
Don Ve3LYX
>

5995. Re: [AWA Group] 1929 Type Homebrew Crystal Holders?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 20:15:59 UTC
From: Jon AB9ZG
Topic: 5974 Message: 5995

Yup it was a 356 holder I had been wanting or General Radio's plugin crystal holder. Thanks anyway Don.

--- In AWAGroup@yahoogroups.com, "Don" <dulmagedon@...> wrote:

> Ok biggest oldest I have is FMT-1
> Don Ve3LYX
> >
>

5996. Re: 1929 Type Homebrew Crystal Holders? & Jon

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 20:19:07 UTC
From: Jon AB9ZG
Topic: 5981 Message: 5996

Thats the best one I've seen yet, since its got the plugin feature. Thanks for all the help Lou.

Jon

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> Jon,
>
> Here is another holder. Lou
>

5997. More Vintage style Linear questions for Larry

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-23 22:14:48 UTC
From: Don
Topic: 5997 Message: 5997

I have the hombrew parallel 6l5 linear working just about perfect BUT even 2 6l6ehs lack real good stomp for AM in rough conditions. I have been digging , thinking about things like parallel 813s etc then I discovered the 6CA7 is a similar tube cable of regular duty at 800 volts. The pinout out is different but if I understand it correct THE ONLY difference is the supresssor grid (some makers actually use a beam former here like the6L6 I read)comes out at pin 1 otherwise it will plug right into the 6L6 wired socket. I have gotten in the habit of using pin 1 as a tie point for all cathode relaled connections so if this is so, for me it is a straight plug in. I have 600 volts on my 6l6s at the moment but they are EH versions and seem to tolerate it. I have 800 availabe from this PS. Do you think this is a feasable deal and how much more drive do you think i would need over the 6l6ehs? What kind of power in class A for a parallel pair would be realistic? And what is the vintage or year of first st manufacture of a 6AC7. A lot of questions. I hope you can help me with some. i hate to bother you but your help was so practical through my previous linear projects I need to at least ask.
Don VE3LYX
PS I am on AM every morning at 9 am 3725

5998. Re: [AWA Group] More Vintage style Linear questions for Larry

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-24 00:09:40 UTC
From: Larry Szendrei
Topic: 5997 Message: 5998

On 3/23/2012 6:14 PM, Don wrote:
>
> I have the hombrew parallel 6l5 linear working just about perfect BUT
> even 2 6l6ehs lack real good stomp for AM in rough conditions. I have
> been digging , thinking about things like parallel 813s etc then I
> discovered the 6CA7 is a similar tube cable of regular duty at 800
> volts. The pinout out is different but if I understand it correct THE
> ONLY difference is the supresssor grid (some makers actually use a
> beam former here like the6L6 I read)comes out at pin 1 otherwise it
> will plug right into the 6L6 wired socket. I have gotten in the habit
> of using pin 1 as a tie point for all cathode relaled connections so
> if this is so, for me it is a straight plug in. I have 600 volts on my
> 6l6s at the moment but they are EH versions and seem to tolerate it. I
> have 800 availabe from this PS. Do you think this is a feasable deal
> and how much more drive do you think i would need over the 6l6ehs?
> What kind of power in class A for a parallel pair would be realistic?
> And what is the vintage or year of first st manufacture of a 6AC7. A
> lot of questions. I hope you can help me with some. i hate to bother
> you but your help was so practical through my previous linear projects
> I need to at least ask.
> Don VE3LYX
> PS I am on AM every morning at 9 am 3725
>

Hi Don,

I've very little time at the moment so will try to respond to your specific questions on Monday. The short answer is I don't think the operator on the other end of the QSO will perceive much, if any, difference between a pair of 6L6s at 600V and a pair of 6CA7s at 800V. Also the 6CA7s might be difficult to tame at 40M and above without neutralization.

I'll also try to catch up with you on 3725 at 9:00AM EDT sometime during the next week.

73,
-Larry/NE1S

5999. Early Crystal Holders 1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-24 00:38:04 UTC
From: Louis Vermond
Topic: 5999 Message: 5999
Attachments: 4 described; binary payloads are missing from this source WARC

Jon,

Your crystal holder inquiry was inspired me to post photos of three of the most interesting crystals that have come my way.

This English crystal was given to me by Bill Choate, VE3CO (SK). It had been give to him by Keith Russell, ARRL Canadian General Manager during the 1920s.
Adam Hilger Ltd. was a scientific instrument manufacture. I have never tested it.
Measures 21/4" X 21/2"

Note the lead seal at btm left of the wire triangle

6000. Early Crystal Holders 2

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-24 00:44:37 UTC
From: Louis Vermond
Topic: 6000 Message: 6000
Attachments: 2 described; binary payloads are missing from this source WARC

Given to my by Wes Chatellier, W5DPM / AWA (SK)

6001. Early Crystal Holders 3

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-24 00:49:39 UTC
From: Louis Vermond
Topic: 6001 Message: 6001
Attachments: 2 described; binary payloads are missing from this source WARC

Bruce gave this to me during a tour of his famous Barn in the mid-70s.
Although the Museum had moved to the Academy building, the Barn was still loaded with an unimaginable amount of OT radio treasures...parts too, Bugsy.

The glass-like xtal is convex.

6002. A "New" member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-24 13:20:35 UTC
From: Louis Vermond
Topic: 6002 Message: 6002
Attachments: 1 described; binary payloads are missing from this source WARC

Welcome Home Bugsy!

6003. Re: [AWA Group] A "New" member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-24 18:58:53 UTC
From: N1BUG
Topic: 6002 Message: 6003
Attachments: 1 described; binary payloads are missing from this source WARC

Welcome Home Bugsy!

Thanks Lou...

? ? ? ? ? ? Uh.... I think.....

6004. Re: [AWA Group] More Vintage style Linear questions for Larry

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-24 19:05:23 UTC
From: Don
Topic: 5997 Message: 6004

Thanks Larry.
See you some morning then. I have squeaked the 6l6EHs "beyond"600. So far they are still smiling. About 4 hours now. I think I will leave it alone then.
Don Ve3LYX

--- In AWAGroup@yahoogroups.com, Larry Szendrei <ne1s@...> wrote:
>
> On 3/23/2012 6:14 PM, Don wrote:
> >
> > I have the hombrew parallel 6l5 linear working just about perfect BUT
> > even 2 6l6ehs lack real good stomp for AM in rough conditions. I have
> > been digging , thinking about things like parallel 813s etc then I
> > discovered the 6CA7 is a similar tube cable of regular duty at 800
> > volts. The pinout out is different but if I understand it correct THE
> > ONLY difference is the supresssor grid (some makers actually use a
> > beam former here like the6L6 I read)comes out at pin 1 otherwise it
> > will plug right into the 6L6 wired socket. I have gotten in the habit
> > of using pin 1 as a tie point for all cathode relaled connections so
> > if this is so, for me it is a straight plug in. I have 600 volts on my
> > 6l6s at the moment but they are EH versions and seem to tolerate it. I
> > have 800 availabe from this PS. Do you think this is a feasable deal
> > and how much more drive do you think i would need over the 6l6ehs?
> > What kind of power in class A for a parallel pair would be realistic?
> > And what is the vintage or year of first st manufacture of a 6AC7. A
> > lot of questions. I hope you can help me with some. i hate to bother
> > you but your help was so practical through my previous linear projects
> > I need to at least ask.
> > Don VE3LYX
> > PS I am on AM every morning at 9 am 3725
> >
>
> Hi Don,
>
> I've very little time at the moment so will try to respond to your
> specific questions on Monday. The short answer is I don't think the
> operator on the other end of the QSO will perceive much, if any,
> difference between a pair of 6L6s at 600V and a pair of 6CA7s at 800V.
> Also the 6CA7s might be difficult to tame at 40M and above without
> neutralization.
>
> I'll also try to catch up with you on 3725 at 9:00AM EDT sometime during
> the next week.
>
> 73,
> -Larry/NE1S

>

6005. 60 Meter CW anyone?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-26 02:15:26 UTC
From: JAMES HANLON
Topic: 6005 Message: 6005

Since we are now authorized to use CW on 60 meters, I just tuned up my Viking II on 60. Amazingly it seems to work there pretty well. It wound up on the 40 meter band setting with the Viking VFO set on 160 around 1.8 mc, the oscillator tuning at 62, the buffer tuning at 21, the amplifier plate tuning at 39, and the loading switch on 2 and the fine loading at 65 into a 50 ohm Cantenna. I'm running about 200 mils plate current and getting about 85 watts out. I'm sure I can load up the center-fed Zepp there. Anyone up for a 60 meter CW QSO with boatanchor gear sometime?

Jim, W8KGI (New Mexico)

6006. ebay alert ...Just in frm Andy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-26 13:35:02 UTC
From: Louis Vermond
Topic: 6006 Message: 6006

http://www.ebay.com/itm/Two-early-German-tubes-Good-filaments-/280848362511

10 hours left

--
73! Andy

6007. It's alive!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-26 19:40:26 UTC
From: Jon AB9ZG
Topic: 6007 Message: 6007

It finally arrived:
http://groups.yahoo.com/group/AWAGroup/message/5901
<http://groups.yahoo.com/group/AWAGroup/message/5901>

Tested...good!

Now If everything goes right I'll be building a push pull amp.

Photo for scale:

Gotta be careful not to drop it.

6008. Re: [AWA Group] It's alive!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-26 20:07:22 UTC
From: Eddy Swynar
Topic: 6007 Message: 6008

Hi Jon,

Ai Caramba...!!!

Are you seriously gonna place TWO of these beauties into push-pull operation...? If so, have you located a second one to partner it up with...?

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-03-26, at 3:40 PM, Jon AB9ZG wrote:

> It finally arrived:
> http://groups.yahoo.com/group/AWAGroup/message/5901
>
> Tested...good!
>
> Now If everything goes right I'll be building a push pull amp.
>
> Photo for scale:
>
>
> Gotta be careful not to drop it.
>
>

6009. Re: [AWA Group] It's alive!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-26 20:21:27 UTC
From: Louis Vermond
Topic: 6007 Message: 6009
Attachments: 1 described; binary payloads are missing from this source WARC

I feel old & under powered....

6010. question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-26 21:41:06 UTC
From: Jim Robson
Topic: 6010 Message: 6010
Attachments: 1 described; binary payloads are missing from this source WARC

AWA Group friends--been doing a bit of tube house cleaning and came across a forgotten WD-25?? Would anybody be familiar with this tube? It is brass based with no tip. There is very little on the internet about it. Many thanks for your assistance, in advance. Jim/VE3BHK

6011. Re: [AWA Group] It's alive!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-27 00:54:46 UTC
From: Jon AB9ZG
Topic: 6007 Message: 6011

"Are you seriously gonna place TWO of these beauties into push-pull operation...?"

Thats the plan. I figure a pair will give legal limit output on fone in Class B. They could also give legal limit on CW but would require twice as large a power supply, which I'm not going to make.

"If so, have you located a second one to partner it up with...?"

Yup, I'm trading my 1921 UV-204 for the second one.

6012. Re: [AWA Group] It's alive!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-27 01:37:01 UTC
From: N1BUG
Topic: 6007 Message: 6012

Wow! Makes my UX-860 look puny!

Paul

On 03/26/2012 08:54 PM, Jon AB9ZG wrote:

"Are you seriously gonna place TWO of these beauties into push-pull operation...?"

Thats the plan. I figure a pair will give legal limit output on fone in Class B. They could also give legal limit on CW but would require twice as large a power supply, which I'm not going to make.

"If so, have you located a second one to partner it up with...?"

Yup, I'm trading my 1921 UV-204 for the second one.

6013. Re: [AWA Group] It's alive!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-27 11:59:14 UTC
From: Eddy Swynar
Topic: 6007 Message: 6013

Hi Again Jon,

Please, PLEASE keep us all posted as to your progress in this regard---seriously.

I oh-so-desperately yearned to build a linear amplifier around one of those King Kong tubes a few years ago, but I could never locate a good, working example at a reasonable price.

There is SO much to consider in the actual construction of one of these, too, specifically the actual enclosure that'd be used to house it. I thought of many things along this line---it'll be most interesting for me to see how you might tackle the issues...

I, for one, sure am looking forward to it!

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-03-26, at 8:54 PM, Jon AB9ZG wrote:

>
>
> "Are you seriously gonna place TWO of these beauties into push-pull operation...?"
>
> Thats the plan. I figure a pair will give legal limit output on fone in Class B. They could also give legal limit on CW but would require twice as large a power supply, which I'm not going to make.
>
> "If so, have you located a second one to partner it up with...?"
>
> Yup, I'm trading my 1921 UV-204 for the second one.
>
>

6014. Regen on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-27 16:30:17 UTC
From: Don
Topic: 6014 Message: 6014

Last evening I was on 80M with my AM pals on one of my boatanchour rigs. There was a SSB Qso going on nearby but he was spilling into the converstaion with his wide squawcking signal. I could barely read my pals and sometimes they were lost. I flipped on the Regen and let it warm up. After the customary "russssssssssh" sound as it stepped into its operating zone I tuned in on the signal hetrodyning it to zero beat and then backed off the regen control to the AM setting. The SSB was gone completely. I thought maybe they had quit so I turned the other two recvrs on. No dice .Both almost impossible copy but the regen was able to get under the SSB and hear fine. So good in fact I recorded it for my pals. I will be keeping the batteries charged now for sure. Who knew?
Don VE3LYX

6015. Re: [AWA Group] Regen on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-27 17:08:18 UTC
From: Eddy Swynar
Topic: 6014 Message: 6015

On 2012-03-27, at 12:30 PM, Don wrote:

> Last evening I was on 80M with my AM pals on one of my boatanchour rigs. There was a SSB Qso going on nearby but he was spilling into the converstaion with his wide squawcking signal. I could barely read my pals and sometimes they were lost. I flipped on the Regen and let it warm up. After the customary "russssssssssh" sound as it stepped into its operating zone I tuned in on the signal hetrodyning it to zero beat and then backed off the regen control to the AM setting. The SSB was gone completely. I thought maybe they had quit so I turned the other two recvrs on. No dice .Both almost impossible copy but the regen was able to get under the SSB and hear fine. So good in fact I recorded it for my pals. I will be keeping the batteries charged now for sure. Who knew?
>

Hi Don,

Regenerative receivers can be absolutely AMAZING by times...

Years ago when I completed construction of my 1929-style 4 tube regen, I attempted to listen to the Sunday afternoon Antique Wireless Association AM fone net on 75-meters with it. I was EXTREMELY frustrated & annoyed by the fact that stations that were normally VERY strong here from upper NY State were only about a 5x7 on the regen...

And then it happened.

I noticed that I had forgotten to connect my antenna to the receiver! I was listening to the net on a piece of coaxial cable that was some 2' long!

AMAZING devices, those regenerative receivers, alright...!

~73~ de Eddy VE3CUI - VE3XZ

6016. Re: "When It Rains..."

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-27 17:42:03 UTC
From: Jon AB9ZG
Topic: 5901 Message: 6016

Two more of these things have crawled out of the woodwork.
One has sockets, one has been tested to some extent, and both offer returns.
http://www.ebay.com/itm/280853672546?ssPageName=STRK:MEWAX:IT&_trksid=p3\984.m1423.l2649
<http://www.ebay.com/itm/280853672546?ssPageName=STRK:MEWAX:IT&_trksid=p\3984.m1423.l2649>

http://www.ebay.com/itm/160772609925?ssPageName=STRK:MEWAX:IT&_trksid=p3\984.m1423.l2648
<http://www.ebay.com/itm/160772609925?ssPageName=STRK:MEWAX:IT&_trksid=p\3984.m1423.l2648>

6017. Re: [AWA Group] Re: "When It Rains..."

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-27 18:55:25 UTC
From: Eddy Swynar
Topic: 5901 Message: 6017

On 2012-03-27, at 1:42 PM, Jon AB9ZG wrote:

> Two more of these things have crawled out of the woodwork.
> One has sockets, one has been tested to some extent, and both offer returns.
> http://www.ebay.com/itm/280853672546?ssPageName=STRK:MEWAX:IT&_trksid=p3984.m1423.l2649
>
> http://www.ebay.com/itm/160772609925?ssPageName=STRK:MEWAX:IT&_trksid=p3984.m1423.l2648
> _
>
>
>

Hi Jon,

They're comin' out of the freakin' woodwork, now...! Hi Hi.

That one that's shown lit up looks to be probably the best bet: usually if those big rascals have leaked any air they usually expire within a mere matter of minutes (personal experience here)...

Thanks for that info...

~73~ de Eddy VE3CUI - VE3XZ

6018. eBay: Coils & Forms Galore

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-28 19:40:17 UTC
From: cwopr@embarqmail.com
Topic: 6018 Message: 6018

K8PYD has at least a dozen listings of misc. coils and/or forms.
http://www.ebay.com/sch/merchant/k8pyd_W0QQ_nkwZQQ_armrsZ1QQ_fromZQQ_ipgZ
No connection just looking...73 de Bill K4JYS

6019. Re: [AWA Group] Regen on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-29 02:36:49 UTC
From: Don
Topic: 6014 Message: 6019

--- In AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@...> wrote:
>
>
> On 2012-03-27, at 12:30 PM, Don wrote:
>
> > Last evening I was on 80M with my AM pals on one of my boatanchour rigs. There was a SSB Qso going on nearby but he was spilling into the converstaion with his wide squawcking signal. I could barely read my pals and sometimes they were lost. I flipped on the Regen and let it warm up. After the customary "russsssssssssh" sound as it stepped into its operating zone I tuned in on the signal hetrodyning it to zero beat and then backed off the regen control to the AM setting. The SSB was gone completely. I thought maybe they had quit so I turned the other two recvrs on. No dice .Both almost impossible copy but the regen was able to get under the SSB and hear fine. So good in fact I recorded it for my pals. I will be keeping the batteries charged now for sure. Who knew?
> >
>
>
> Hi Don,
>
> Regenerative receivers can be absolutely AMAZING by times...
>
> Years ago when I completed construction of my 1929-style 4 tube regen, I attempted to listen to the Sunday afternoon Antique Wireless Association AM fone net on 75-meters with it. I was EXTREMELY frustrated & annoyed by the fact that stations that were normally VERY strong here from upper NY State were only about a 5x7 on the regen...
>
> And then it happened.
>
> I noticed that I had forgotten to connect my antenna to the receiver! I was listening to the net on a piece of coaxial cable that was some 2' long!
>
> AMAZING devices, those regenerative receivers, alright...!
>
> ~73~ de Eddy VE3CUI - VE3XZ
It can happen!
I run this one on an indoor 12 inch loop antenna. I am astounded at what it can do.
Don VE3LYX
>

6020. ebay alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-29 23:19:22 UTC
From: Andy UU1CC
Topic: 6020 Message: 6020

http://www.ebay.com/itm/Old-Antique-Freed-Eisemann-NR-8-Tube-Battery-Radio-for-Parts-Repair-/220975570460

Freed Eisemann six tube radio for $39 (undervalue, thought)
--
73! Andy UU1CC

6021. Loctite 480

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-29 23:46:34 UTC
From: Roger Kuchera
Topic: 6021 Message: 6021

Gentlemen,
Sometime ago, the subject of loose tubes/sockets was mentioned in an email by someone of our learned crew. I believe it was recommended for use in fastening tubes to the their bases. Could someone refresh my memory....it's an old brain. Will it stand the heat? Thank you.

CUL, Roger/K1TG

6022. Re: [AWA Group] Loctite 480

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 00:02:43 UTC
From: Leonard Meek
Topic: 6021 Message: 6022

Will the brain or the Loctite stand the heat? I don't think Loctite would work too well. We use heat to loosen bolts that have Loctite on them. A better choice might be head gasket cement.

Leonard

----- Original Message -----
From: "Roger Kuchera" <rwkuchera@...>
To: <AWAgroup@yahoogroups.com>
Sent: Thursday, March 29, 2012 1:46 PM
Subject: [AWA Group] Loctite 480

> Gentlemen,
> Sometime ago, the subject of loose tubes/sockets was mentioned in an
> email by someone of our learned crew. I believe it was recommended for
> use in fastening tubes to the their bases. Could someone refresh my
> memory....it's an old brain. Will it stand the heat? Thank you.
>
> CUL, Roger/K1TG
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

6023. Re: [AWA Group] Loctite 480

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 00:08:12 UTC
From: Louis Vermond
Topic: 6021 Message: 6023

Use Loctite #480. It remains pliable. Lou

----- Original Message -----
From: Roger Kuchera
To: AWAgroup@yahoogroups.com
Sent: 2012-03-29 7:46 PM
Subject: [AWA Group] Loctite 480

Gentlemen,
Sometime ago, the subject of loose tubes/sockets was mentioned in an email by someone of our learned crew. I believe it was recommended for use in fastening tubes to the their bases. Could someone refresh my memory....it's an old brain. Will it stand the heat? Thank you.

CUL, Roger/K1TG

6024.] Loctite 480

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 01:57:38 UTC
From: Louis Vermond
Topic: 6024 Message: 6024
Attachments: 3 described; binary payloads are missing from this source WARC

Hi Roger,

I see now that the answer was already in the Subject. Sort of flying tonight cuz I've a new valve to play with. Never thought I'd find one.

Early 1920s Marconi/Osrom T15 transmitting valve
15 watt anode dissipation
Fil. .....5.5 - 6VAC @ 1amp
Anode Volts .....600 max.

Envelope is peach coloured

A very bright emitter. Frightening actually...

6025. RE: [AWA Group]] Loctite 480

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 02:07:35 UTC
From: Mike Feher
Topic: 6024 Message: 6025
Attachments: 3 described; binary payloads are missing from this source WARC

Nice tube - but, it is Osram, HI - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 29, 2012 9:58 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group]] Loctite 480

Hi Roger,

I see now that the answer was already in the Subject. Sort of flying tonight cuz I've a new valve to play with. Never thought I'd find one.

Early 1920s Marconi/Osrom T15 transmitting valve

15 watt anode dissipation

Fil. .....5.5 - 6VAC @ 1amp

Anode Volts .....600 max.

Envelope is peach coloured

A very bright emitter. Frightening actually...

6026. Re:] Loctite 480

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 02:10:20 UTC
From: Jon AB9ZG
Topic: 6024 Message: 6026

WOW! Neat. Pure tungsten filament I presume?
Now lets see the whole transmitter.

6027. A Day at the Hammond Museum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 02:34:19 UTC
From: Louis Vermond
Topic: 6027 Message: 6027
Attachments: 5 described; binary payloads are missing from this source WARC

Nice tube – but, it is Osram, HI - Mike You have it, Mike. Spelled it the way I heard it pronounced today!

Spent most of today visiting with Phil Taylor, UK Marine Radio op (ret.), builder, valve & wireless collector. Phil flew up from the Charlotte meet for his forth Museum visit.
Phil brought the T15 over with him...

When I arrived, Phil and Larry Asp, VE3RF (head volunteer) were going through the "junk" separating the interesting from the mundane.

A few shots....

Middle left...UV-302

Here you go, Jon! Only 17 hours on them.

6028. RE: [AWA Group] A Day at the Hammond Museum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 02:58:10 UTC
From: Mike Feher
Topic: 6027 Message: 6028
Attachments: 5 described; binary payloads are missing from this source WARC

Boy - I have not seen Phil in many years. We used to make numerous trades back in the 80's. He was a regular at AWA NY. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 29, 2012 10:34 PM
To: AWAGroup
Cc: Joe Cro N3IBX
Subject: [AWA Group] A Day at the Hammond Museum

Nice tube - but, it is Osram, HI - Mike You have it, Mike. Spelled it the way I heard it pronounced today!

Spent most of today visiting with Phil Taylor, UK Marine Radio op (ret.), builder, valve & wireless collector. Phil flew up from the Charlotte meet for his forth Museum visit.

Phil brought the T15 over with him...

When I arrived, Phil and Larry Asp, VE3RF (head volunteer) were going through the "junk" separating the interesting from the mundane.

A few shots....

Middle left...UV-302

Here you go, Jon! Only 17 hours on them.

6029. Re: [AWA Group] A Day at the Hammond Museum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 03:31:00 UTC
From: Louis Vermond
Topic: 6027 Message: 6029

He was a regular at AWA NY Frm wt I gathered, he still is.

GN, Lou

6030. RE: [AWA Group] A Day at the Hammond Museum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 03:36:05 UTC
From: Mike Feher
Topic: 6027 Message: 6030

I am sure you are right - I am the one that has not been there in almost 15 years. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 29, 2012 11:31 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] A Day at the Hammond Museum

He was a regular at AWA NY Frm wt I gathered, he still is.

GN, Lou

6031. RE: [AWA Group] A Day at the Hammond Museum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 03:47:40 UTC
From: Mike Feher
Topic: 6027 Message: 6031

This was the last time I was at AWA:

http://www.antiqueradio.com/awa_9-98_11-98.html

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Thursday, March 29, 2012 11:36 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] A Day at the Hammond Museum

I am sure you are right - I am the one that has not been there in almost 15 years. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Thursday, March 29, 2012 11:31 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] A Day at the Hammond Museum

He was a regular at AWA NY Frm wt I gathered, he still is.

GN, Lou

6032. Hammarlund 140 mmfd. SLF midget condenser

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 15:58:20 UTC
From: Louis Vermond
Topic: 6032 Message: 6032
Attachments: 1 described; binary payloads are missing from this source WARC

Hi All,

Phil Taylor I mentioned yesterday is building a 30s Gernsback regen and still needs a Hammarlund 140 mmfd. SLF midget condenser.

Nothing here, but hoping that one of you has one available. If so, you can send it to me or directly to Phil in the UK. I will cover all costs....

73, Lou

This, but with 19 plates total.

6033. Here you go, Mike...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 17:56:35 UTC
From: Louis Vermond
Topic: 6033 Message: 6033

http://www.wa0itp.com/ac-1.html

Have a copy of the manual, Harry? If not, look at the hi-rez manual scan.

Lou

6034. Loctite 480 ??

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-30 23:58:30 UTC
From: Roger Kuchera
Topic: 6034 Message: 6034

Hi gang,
I must be going soft in my dotage. I didn't see a direct answer to whether or not it will work on loose tube bases or if it can handle the envelope heat. I see on the net that it is black. Thanks.

CUL, Roger/K1TG

6035. Re: [AWA Group] Loctite 480 ??

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-31 00:11:08 UTC
From: Eddy Swynar
Topic: 6034 Message: 6035

On 2012-03-30, at 7:58 PM, Roger Kuchera wrote:

> I must be going soft in my dotage. I didn't see a direct answer to
> whether or not it will work on loose tube bases or if it can handle the
> envelope heat. I see on the net that it is black. Thanks.
>
>
Roger,

There are TWO schools of thought on this matter, i.e. the one that says that so-called "Crazy Glues" are absolutely wonderful for re-securing loose bases (MY own personal experience here), and the other that says that the tube envelope will "cut" from the base in time, with the precision of a glass cutter...

"You pays your money, you takes your chances", I s'pose...

~73~ de Eddy VE3CUI - VE3XZ

6036. Re: [AWA Group] Loctite 480 ??

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-31 00:27:57 UTC
From: ve7sl@shaw.ca
Topic: 6034 Message: 6036

I've heard that it is best to avoid the CA type (crazy) glues as well....also, I think the fumes emitted when heated are unhealthy. I've used good old woodworkers white glue , inserted with a toothpick....doesn't take much and it turns clear when dry.

Steve

There are TWO schools of thought on this matter, i.e. the one that says that so-called "Crazy Glues" are absolutely wonderful for re-securing loose bases (MY own personal experience here), and the other that says that the tube envelope will "cut" from the base in time, with the precision of a glass cutter...

"You pays your money, you takes your chances", I s'pose...

~73~ de Eddy VE3CUI - VE3XZ

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6037. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-31 14:08:32 UTC
From: Louis Vermond
Topic: 130 Message: 6037

FILTER CHOKE (TRIAD)

http://www.ebay.com/itm/FILTER-CHOKE-TRIAD-/220989870588?pt=LH_DefaultDomain_0&hash=item337405d1fc

6038. RE: [AWA Group] Loctite 480 ??

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-31 15:11:33 UTC
From: Carl Nord
Topic: 6034 Message: 6038
Attachments: 2 described; binary payloads are missing from this source WARC

An opinion from a non-radio friend of mine who was in New Product Development with Locktite for many years

Loctite 480 is a rubber toughened cyanoacrylate (super glue). While the rubber does increase its thermal limits and improve its flexibility, the use of a cyanoacrylate is not recommended on glass. It will work for a while, but eventually the bond will degrade. It's all a matter of definition. Time. How long will it last? Can't predict, but when CA's are used on glass, they often fall apart within weeks of use or even sooner. However, in an environment where the item is not handled or moved around a lot, then it has a better chance of lasting. The thermal limit is also a question. How hot do these get? The backbone CA is good to about 200-250 degrees. Adding the rubber helps, but it still is limiting.

So, would I use 480 on a tube? It is probably worth a shot, but not my first choice. I would go with a 2 part epoxy, and there are some out there which are black as well. Devcon 14255, 3M DP 270 are both black. They will sell for $10-20, and may not be found in consumer locations. However, you can go to most adhesive distributors and purchase single units or go to the internet and order. The Devcon product is a toughened product, and cures in 10 minutes. You'd mix it in a separate container and then use toothpicks or sticks to apply it. Epoxies work much better on glass and even the base materials, and are much better thermally. Using a toughened product provides for some degree of flexibility so the difference in thermal expansion between the various substrates can be tolerated better.

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ve7sl@...
Sent: Friday, March 30, 2012 8:28 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Loctite 480 ??

I've heard that it is best to avoid the CA type (crazy) glues as well....also, I think the fumes emitted when heated are unhealthy. I've used

good old woodworkers white glue , inserted with a toothpick....doesn't take much and it turns clear when dry.

Steve

There are TWO schools of thought on this matter, i.e. the one that says that

so-called "Crazy Glues" are absolutely wonderful for re-securing loose bases

(MY own personal experience here), and the other that says that the tube envelope will "cut" from the base in time, with the precision of a glass cutter...

"You pays your money, you takes your chances", I s'pose...

~73~ de Eddy VE3CUI - VE3XZ

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6039. RE: [AWA Group] Loctite 480 ??

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-31 18:24:52 UTC
From: Roger Kuchera
Topic: 6034 Message: 6039

Hi Carl,
     Thank you for the definitive answer re: the use of 480. I will go with the 2-part Epoxy
material. I've often wondered what the original Mustard yellow material was that was used.

CUL, Roger/K1TG

--- On Sat, 3/31/12, Carl Nord <chnord@...> wrote:

From: Carl Nord <chnord@...>
Subject: RE: [AWA Group] Loctite 480 ??
To: AWAGroup@yahoogroups.com
Date: Saturday, March 31, 2012, 11:11 AM

An opinion from a non-radio friend of mine who was in New Product Development with Locktite for many years

Loctite 480 is a rubber toughened cyanoacrylate (super glue). While the rubber does increase its thermal limits and improve its flexibility, the use of a cyanoacrylate is not recommended on glass. It will work for a while, but eventually the bond will degrade. It's all a matter of definition. Time. How long will it last? Can't predict, but when CA's are used on glass, they often fall apart within weeks of use or even sooner. However, in an environment where the item is not handled or moved around a lot, then it has a better chance of lasting. The thermal limit is also a question. How hot do these get? The backbone CA is good to about 200-250 degrees. Adding the rubber helps, but it still is limiting.

So, would I use 480 on a tube? It is probably worth a shot, but not my first choice. I would go with a 2 part epoxy, and there are some out there which are black as well. Devcon 14255, 3M DP 270 are both black. They will sell for $10-20, and may not be found in consumer locations. However, you can go to most adhesive distributors and purchase single units or go to the internet and order. The Devcon product is a toughened product, and cures in 10 minutes. You'd mix it in a separate container and then use toothpicks or sticks to apply it. Epoxies work much better on glass and even the base materials, and are much better thermally. Using a toughened product provides for some degree of flexibility so the difference in thermal expansion between the various substrates can be tolerated better.

Carl Nord
WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ve7sl@...
Sent: Friday, March 30, 2012 8:28 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Loctite 480 ??

I've heard that it is best to avoid the CA type (crazy) glues as well....also, I think the fumes emitted when heated are unhealthy. I've used good old woodworkers white glue , inserted with a toothpick....doesn't take much and it turns clear when dry.

Steve

There are TWO schools of thought on this matter, i.e. the one that says that so-called "Crazy Glues" are absolutely wonderful for re-securing loose bases (MY own personal experience here), and the other that says that the tube envelope will "cut" from the base in time, with the precision of a glass cutter...

"You pays your money, you takes your chances", I s'pose...

~73~ de Eddy VE3CUI - VE3XZ

WEB - "The! VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6040. Fw: Loctite 480 ??

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-31 18:44:24 UTC
From: Louis Vermond
Topic: 6040 Message: 6040

As some may recall, the Loctite 480 suggestion originally came from Rod, G4RSN. I forwarded Carl's post on the Rod and here is his response.

73, Lou

Hello Lou

I've used Loctite 480 quite successfully for a number of years for sticking loose baes but never used ordinary superglue since I lost a couple of tubes including a fairly valuable one that cracked around the base. Also I never put the 480 all the way round. I have noticed a few tubes that have been done with 480 coming loose again but generally the 480 fills the gaps between the old cement and the glass so that after treatment the base is a firmer fit even if the 480 no longer adheres to the glass.

When fitting a new base I use a quick setting 2 part resin (Araldite Rapid in UK) because it's easier to apply when the base is completely free of the tube. This also works well and one has time to wipe off the surplus adhesive before it sets.

I find that trying to stick loose bases with epoxy and a toothpick/cocktail stick is too time consuming and it's difficult to get the glue down very far and make a really neat job.

73's

Rod

6041. Question re: 45s

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 00:47:43 UTC
From: Roger Kuchera
Topic: 6041 Message: 6041

Gentlemen,
There is a paucity of information on the 45 triode when run as a pair in RF service. I wondering what a safe or maximum plate current would be for the pair. I recently built a variety of Hartley that uses 2 of them. No load, key down they draw about 30 Ma. A single turn loop and 1157 auto bulb coupled to the tank and current goes up to 50 Ma. The light is full brilliance at 4 inches distance.

The only data I can find is for 45s in AF service. Ideas?

As always, thank you for your assitance.

CUL, Roger/K1TG

6042. Re: [AWA Group] Question re: 45s

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 02:29:57 UTC
From: Jon, AB9ZG
Topic: 6041 Message: 6042

Roger,

I found this on another site:

"The transmitting tube data sheet in my 1938 edition of Jones' The Radio Handbook gives the following specifications for a single 245 operating as a class C RF amplifier:

Plate Voltage -- 400 volts
Plate Current --- 50 mA
Bias Voltage --- 200 volts
Grid Current ----- 4 mA
Power Input ----- 20 watts
Power Output ---- 15 watts"

Of course when used as an oscillator input needs to be reduced to maintain no more than 10w plate dissipation.

73, Jon

From: Roger Kuchera <rwkuchera@...>
To: AWAgroup@...m
Sent: Saturday, March 31, 2012 7:47 PM
Subject: [AWA Group] Question re: 45s

Gentlemen,
There is a paucity of information on the 45 triode when run as a pair in RF service. I wondering what a safe or maximum plate current would be for the pair. I recently built a variety of Hartley that uses 2 of them. No load, key down they draw about 30 Ma. A single turn loop and 1157 auto bulb coupled to the tank and current goes up to 50 Ma. The light is full brilliance at 4 inches distance.

The only data I can find is for 45s in AF service. Ideas?

As always, thank you for your assitance.

CUL, Roger/K1TG

6043. Re: Loctite 480 ??

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 12:50:03 UTC
From: Don
Topic: 6034 Message: 6043

--- In AWAGroup@yahoogroups.com, Roger Kuchera <rwkuchera@...> wrote:
>
> Hi gang,
> I must be going soft in my dotage. I didn't see a direct answer to
> whether or not it will work on loose tube bases or if it can handle the
> envelope heat. I see on the net that it is black. Thanks.
>
> CUL, Roger/K1TG
Roger. tried to post from my yahoo email but it is blocked for some reason.
Use windshield mirror adhesive. It is avaialble at NAPA or Autozone m Pep boys etc. It was designed to refasten mirrors to car wingsheilds which is a very high stress enviornment both mechanically and temp wise. I tried it after using the normal tricks and it is now all i use. It is strong and it is invisable and it is almost instant. Since first using it I have never had to redo a tube glass to socket(even ones I put in and out often) and I would defy anyone to tell me which ones I have glued. Sometimes it is a loctite product anyway as they make it , Sometimes it snt .. It works eitherway and it works very ery well. If you want the tube to look original it isprobably the only reasonable choice. If you want it to last, likewise. try it, you'll like it. I sure do.
Don VE3LYX
>

6044. Re: [AWA Group] Re: Loctite 480 ??

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 15:31:04 UTC
From: Roger Kuchera
Topic: 6034 Message: 6044

TNX Don,
Yes, I have re-stuck a few mirrors. Eureka! That's why I refer to
the AWA gentlemen as the League of Extraordinary Gentlemen. To be PC,
yes there was a rather nice looking YL in that group.

CUL, Roger/K1TG

--- On Sun, 4/1/12, Don <dulmagedon@...> wrote:

> From: Don <dulmagedon@yahoo.ca>
> Subject: [AWA Group] Re: Loctite 480 ??
> To: AWAGroup@yahoogroups.com
> Date: Sunday, April 1, 2012, 8:50 AM
>
>
> --- In AWAGroup@yahoogroups.com,
> Roger Kuchera <rwkuchera@...> wrote:
> >
> > Hi gang,
> > I must be going soft in my dotage.
> I didn't see a direct answer to
> > whether or not it will work on loose tube bases or if
> it can handle the
> > envelope heat. I see on the net that it is black.
> Thanks.
> >
> > CUL, Roger/K1TG
> Roger. tried to post from my yahoo email but it is blocked
> for some reason.
> Use windshield mirror adhesive. It is avaialble at NAPA or
> Autozone m Pep boys etc. It was designed to refasten mirrors
> to car wingsheilds which is a very high stress enviornment
> both mechanically and temp wise. I tried it after using the
> normal tricks and it is now all i use. It is strong and it
> is invisable and it is almost instant. Since first using it
> I have never had to redo a tube glass to socket(even ones I
> put in and out often) and I would defy anyone to tell me
> which ones I have glued. Sometimes it is a loctite product
> anyway as they make it , Sometimes it snt .. It works
> eitherway and it works very ery well. If you want the tube
> to look original it isprobably the only reasonable choice.
> If you want it to last, likewise. try it, you'll like it. I
> sure do.
> Don VE3LYX
> >
>

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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>     AWAGroup-fullfeatured@...m
>
>
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6045. Ebay alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 16:39:32 UTC
From: Daniel Petersen
Topic: 4792 Message: 6045

Ebay alert. HRO50 receiver with full plug in set-refurbished and in mint condition. "buy it now" for $50.00 And $20 flat shipping.
0553156888
Dan

6046. RE: [AWA Group] Ebay alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 16:49:01 UTC
From: Mike Feher
Topic: 4792 Message: 6046

A good one Dan, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Sunday, April 01, 2012 12:40 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Ebay alert

Ebay alert. HRO50 receiver with full plug in set-refurbished and in mint condition. "buy it now" for $50.00 And $20 flat shipping.
0553156888
Dan

6047. RE: [AWA Group] Ebay alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 20:49:57 UTC
From: Roger Kuchera
Topic: 4792 Message: 6047

Hi Lou,
     At this QTH I have a hot valve and a cold valve. Sometimes I can get a water "hammer" then it oscillates. Same thing?

Roger.

--- On Sun, 4/1/12, Mike Feher <n4fs@...> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [AWA Group] Ebay alert
To: AWAGroup@yahoogroups.com
Date: Sunday, April 1, 2012, 12:49 PM

A good one Dan, HI. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Sunday, April 01, 2012 12:40 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Ebay alert

Ebay alert. HRO50 receiver with full plug in set-refurbished and in mint condition. "buy it now" for $50.00 And $20 flat shipping.
0553156888
Dan

6048. question from a new guy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 21:54:41 UTC
From: Jim Robson
Topic: 6048 Message: 6048

Speaking of 'water hammers' and tube re-basing elixirs, I used to hang around the flight line a bit at the local airport. Every now and then, the fellas would send the new guys for a bucket of 'prop wash'. The old guys were determined that 'prop wash' was required. That was some 20 years ago. Would anybody know if 'prop wash' is still available? 73/Jim.

On 01/04/12 4:49 PM, Roger Kuchera wrote:
>
> Hi Lou,
> At this QTH/ /I have a hot valve and a cold valve. Sometimes I
> can get a water "hammer"
> then it oscillates. Same thing?
> Roger.
>
> --- On *Sun, 4/1/12, Mike Feher /<n4fs@...>/* wrote:
>
>
> From: Mike Feher <n4fs@...>
> Subject: RE: [AWA Group] Ebay alert
> To: AWAGroup@yahoogroups.com
> Date: Sunday, April 1, 2012, 12:49 PM
>
>
>
> A good one Dan, HI. 73 -- Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:* AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com]
> *On Behalf Of *Daniel Petersen
> *Sent:* Sunday, April 01, 2012 12:40 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* [AWA Group] Ebay alert
>
> Ebay alert. HRO50 receiver with full plug in set-refurbished and
> in mint condition. "buy it now" for $50.00 And $20 flat shipping.
> 0553156888
> Dan
>

>
>
>

6049. Re: [AWA Group] question from a new guy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 21:08:38 UTC
From: Roger Kuchera
Topic: 6048 Message: 6049

How much you need?

Roger.

--- On Sun, 4/1/12, Jim Robson <nc101x@quadro.net> wrote:

From: Jim Robson <nc101x@...>
Subject: [AWA Group] question from a new guy
To: AWAGroup@yahoogroups.com
Date: Sunday, April 1, 2012, 5:54 PM

Speaking of 'water hammers' and tube re-basing elixirs, I used to hang around the flight line a bit at the local airport. Every now and then, the fellas would send the new guys for a bucket of 'prop wash'. The old guys were determined that 'prop wash' was required. That was some 20 years ago. Would anybody know if 'prop wash' is still available? 73/Jim.

On 01/04/12 4:49 PM, Roger Kuchera wrote:

Hi Lou,
     At this QTH I have a hot valve and a cold valve. Sometimes I can get a water "hammer" then it oscillates. Same thing?

Roger.

--- On Sun, 4/1/12, Mike Feher <n4fs@...> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [AWA Group] Ebay alert
To: AWAGroup@yahoogroups.com
Date: Sunday, April 1, 2012, 12:49 PM

A good one Dan, HI. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Sunday, April 01, 2012 12:40 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Ebay alert

Ebay alert. HRO50 receiver with full plug in set-refurbished and in mint condition. "buy it now" for $50.00 And $20 flat shipping.
0553156888
Dan

6050. Re: [AWA Group] question from a new guy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 21:20:16 UTC
From: Leonard Meek
Topic: 6048 Message: 6050

We used to send newbies after a box of IR Drops.
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: Sunday, April 01, 2012 11:08 AM
Subject: Re: [AWA Group] question from a new guy

How much you need?

Roger.

--- On Sun, 4/1/12, Jim Robson <nc101x@...> wrote:

From: Jim Robson <nc101x@...>
Subject: [AWA Group] question from a new guy
To: AWAGroup@yahoogroups.com
Date: Sunday, April 1, 2012, 5:54 PM

Speaking of 'water hammers' and tube re-basing elixirs, I used to hang around the flight line a bit at the local airport. Every now and then, the fellas would send the new guys for a bucket of 'prop wash'. The old guys were determined that 'prop wash' was required. That was some 20 years ago. Would anybody know if 'prop wash' is still available? 73/Jim.

On 01/04/12 4:49 PM, Roger Kuchera wrote:

Hi Lou,
At this QTH I have a hot valve and a cold valve. Sometimes I can get a water "hammer" then it oscillates. Same thing?

Roger.

--- On Sun, 4/1/12, Mike Feher <n4fs@...> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [AWA Group] Ebay alert
To: AWAGroup@yahoogroups.com
Date: Sunday, April 1, 2012, 12:49 PM

A good one Dan, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Sunday, April 01, 2012 12:40 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Ebay alert

Ebay alert. HRO50 receiver with full plug in set-refurbished and in mint condition. "buy it now" for $50.00 And $20 flat shipping.
0553156888
Dan

6051. re: question from a new guy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 22:18:36 UTC
From: Jim Robson
Topic: 6048 Message: 6051
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks, Roger. 'Preciate the come back. Actually, the XYL was just recalling that where she works--a huge factory that produces paper invitations and such--every now and then someone cuts the document long. A batch might be 5 or 7 or 8 thousand items. The managers blow a gasket about having it re-cut; but the the worst is when someone cuts it short, then a 'paper stretcher' is required. The way the XYL tells it, this was a very big deal. I have been monitoring e-bay for a 'paper stretcher'. I know it's not, strictly speaking, radio related but the XYL's birthday is next week. Seems like a rare piece which I would be pleased to pay a fair price to surprise the XYL on her birthday. Would any of the members have a lead on a 'paper stretcher'?

73/Jim.

How much you need?
Roger.

--- On *Sun, 4/1/12, Jim Robson /<nc101x@...>/* wrote:

From: Jim Robson <nc101x@...>
Subject: [AWA Group] question from a new guy
To: AWAGroup@yahoogroups.com
Date: Sunday, April 1, 2012, 5:54 PM

Speaking of 'water hammers' and tube re-basing elixirs, I used to hang around the flight line a bit at the local airport. Every now and then, the fellas would send the new guys for a bucket of 'prop wash'. The old guys were determined that 'prop wash' was required. That was some 20 years ago. Would anybody know if 'prop wash' is still available? 73/Jim.

On 01/04/12 4:49 PM, Roger Kuchera wrote:
> Hi Lou,
> At this QTH/ /I have a hot valve and a cold valve. Sometimes
> I can get a water "hammer"
> then it oscillates. Same thing?
> Roger.
>
> --- On *Sun, 4/1/12, Mike Feher /<n4fs@...>
> <http://us.mc806.mail.yahoo.com/mc/compose?to=n4fs@...>/*
> wrote:
>
>
> From: Mike Feher <n4fs@...>
> <http://us.mc806.mail.yahoo.com/mc/compose?to=n4fs@...>

> Subject: RE: [AWA Group] Ebay alert
> To: AWAGroup@yahoogroups.com
> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
> Date: Sunday, April 1, 2012, 12:49 PM
>
>
>
> A good one Dan, HI. 73 -- Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:* AWAGroup@yahoogroups.com
> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com
> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>]
> *On Behalf Of *Daniel Petersen
> *Sent:* Sunday, April 01, 2012 12:40 PM
> *To:* AWAGroup@yahoogroups.com
> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
> *Subject:* [AWA Group] Ebay alert
>
> Ebay alert. HRO50 receiver with full plug in set-refurbished and
> in mint condition. "buy it now" for $50.00 And $20 flat shipping.
> 0553156888
> Dan
>
>
>
>
>

6052. Re: [AWA Group] question from a new guy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 22:34:50 UTC
From: Jim Robson
Topic: 6048 Message: 6052

Not much. Maybe a 'tail's spin' worth. 73/Jim.

On 01/04/12 5:08 PM, Roger Kuchera wrote:
>
> How much you need?
> Roger.
>
> --- On *Sun, 4/1/12, Jim Robson /<nc101x@...>/* wrote:
>
>
> From: Jim Robson <nc101x@...>
> Subject: [AWA Group] question from a new guy
> To: AWAGroup@yahoogroups.com
> Date: Sunday, April 1, 2012, 5:54 PM
>
>
>
> Speaking of 'water hammers' and tube re-basing elixirs, I used to
> hang around the flight line a bit at the local airport. Every now
> and then, the fellas would send the new guys for a bucket of 'prop
> wash'. The old guys were determined that 'prop wash' was
> required. That was some 20 years ago. Would anybody know if
> 'prop wash' is still available? 73/Jim.
>
> On 01/04/12 4:49 PM, Roger Kuchera wrote:
>> Hi Lou,
>> At this QTH/ /I have a hot valve and a cold valve. Sometimes
>> I can get a water "hammer"
>> then it oscillates. Same thing?
>> Roger.
>>
>> --- On *Sun, 4/1/12, Mike Feher /<n4fs@...>
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=n4fs@...>/*
>> wrote:
>>
>>
>> From: Mike Feher <n4fs@...>
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=n4fs@...>
>> Subject: RE: [AWA Group] Ebay alert
>> To: AWAGroup@yahoogroups.com
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
>> Date: Sunday, April 1, 2012, 12:49 PM
>>
>>
>>

>> A good one Dan, HI. 73 – Mike
>>
>> Mike B. Feher, N4FS
>>
>> 89 Arnold Blvd.
>>
>> Howell, NJ, 07731
>>
>> 732-886-5960
>>
>> *From:* AWAGroup@yahoogroups.com
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
>> [mailto:AWAGroup@yahoogroups.com
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>]
>> *On Behalf Of *Daniel Petersen
>> *Sent:* Sunday, April 01, 2012 12:40 PM
>> *To:* AWAGroup@yahoogroups.com
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
>> *Subject:* [AWA Group] Ebay alert
>>
>> Ebay alert. HRO50 receiver with full plug in set-refurbished and
>> in mint condition. "buy it now" for $50.00 And $20 flat shipping.
>> 0553156888
>> Dan
>>
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>>
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>

6053. Morse Code Gmail

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 22:03:47 UTC
From: Don Buska - The Radio Lab Works
Topic: 6048 Message: 6053

It's about time - Happy .---- 'st

Morse Code Gmail
<http://www.technolog.msnbc.msn.com/technology/technolog/are-you-kidding-april-fools-day-internet-618407>

73

Don N9OO

6054. Re: [AWA Group] re: question from a new guy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 22:27:35 UTC
From: Leonard Meek
Topic: 6048 Message: 6054

I think someone is shuckin' and jivin' you.
----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: Sunday, April 01, 2012 12:18 PM
Subject: [AWA Group] re: question from a new guy

Thanks, Roger. 'Preciate the come back. Actually, the XYL was just recalling that where she works--a huge factory that produces paper invitations and such--every now and then someone cuts the document long. A batch might be 5 or 7 or 8 thousand items. The managers blow a gasket about having it re-cut; but the the worst is when someone cuts it short, then a 'paper stretcher' is required. The way the XYL tells it, this was a very big deal. I have been monitoring e-bay for a 'paper stretcher'. I know it's not, strictly speaking, radio related but the XYL's birthday is next week. Seems like a rare piece which I would be pleased to pay a fair price to surprise the XYL on her birthday. Would any of the members have a lead on a 'paper stretcher'?

73/Jim.

How much you need?

Roger.

--- On Sun, 4/1/12, Jim Robson <nc101x@...> wrote:

From: Jim Robson <nc101x@quadro.net>
Subject: [AWA Group] question from a new guy
To: AWAGroup@yahoogroups.com
Date: Sunday, April 1, 2012, 5:54 PM

Speaking of 'water hammers' and tube re-basing elixirs, I used to hang around the flight line a bit at the local airport. Every now and then, the fellas would send the new guys for a bucket of 'prop wash'. The old guys were determined that 'prop wash' was required. That was some 20 years ago. Would anybody know if 'prop wash' is still available? 73/Jim.

On 01/04/12 4:49 PM, Roger Kuchera wrote:

Hi Lou,
At this QTH I have a hot valve and a cold valve. Sometimes I can get a water "hammer" then it oscillates. Same thing?

Roger.

--- On Sun, 4/1/12, Mike Feher <n4fs@...> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [AWA Group] Ebay alert
To: AWAGroup@yahoogroups.com

Date: Sunday, April 1, 2012, 12:49 PM

A good one Dan, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Sunday, April 01, 2012 12:40 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Ebay alert

Ebay alert. HRO50 receiver with full plug in set-refurbished and in mint condition. "buy it now" for $50.00 And $20 flat shipping.
0553156888
Dan

6055. Re: [AWA Group] re: question from a new guy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 23:45:36 UTC
From: Jim Robson
Topic: 6048 Message: 6055

QSL. One last thing, AWAGroup friends, is, I would like to unload the Brooklyn Bridge. This is how it happened: my work is an odd shift; not exactly afternoon or night shift--more a 'grey line' shift. As it happens, being one of the few on 40M at 2:00 EST, I was very fortunate to QSO a certain Mahlon Loomis, who can be found here: http://earlyradiohistory.us/sec021.htm Suffice it to say, I know I good deal when I hear when. Next? 73/Jim.

On 01/04/12 6:27 PM, Leonard Meek wrote:
>
> I think someone is shuckin' and jivin' you.
>
> ----- Original Message -----
> *From:* Jim Robson <mailto:nc101x@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* Sunday, April 01, 2012 12:18 PM
> *Subject:* [AWA Group] re: question from a new guy
>
> Thanks, Roger. 'Preciate the come back. Actually, the XYL was
> just recalling that where she works--a huge factory that produces
> paper invitations and such--every now and then someone cuts the
> document long. A batch might be 5 or 7 or 8 thousand items. The
> managers blow a gasket about having it re-cut; but the the worst
> is when someone cuts it short, then a 'paper stretcher' is
> required. The way the XYL tells it, this was a very big deal. I
> have been monitoring e-bay for a 'paper stretcher'. I know it's
> not, strictly speaking, radio related but the XYL's birthday is
> next week. Seems like a rare piece which I would be pleased to
> pay a fair price to surprise the XYL on her birthday. Would any
> of the members have a lead on a 'paper stretcher'?
>
> 73/Jim.
>
> How much you need?
> Roger.
>
> --- On *Sun, 4/1/12, Jim Robson /<nc101x@...>/* wrote:
>
>
> From: Jim Robson <nc101x@...>
> Subject: [AWA Group] question from a new guy
> To: AWAGroup@yahoogroups.com
> Date: Sunday, April 1, 2012, 5:54 PM
>
>

>
> Speaking of 'water hammers' and tube re-basing elixirs, I used
> to hang around the flight line a bit at the local airport.
> Every now and then, the fellas would send the new guys for a
> bucket of 'prop wash'. The old guys were determined that
> 'prop wash' was required. That was some 20 years ago. Would
> anybody know if 'prop wash' is still available? 73/Jim.
>
> On 01/04/12 4:49 PM, Roger Kuchera wrote:
>> Hi Lou,
>> At this QTH/ /I have a hot valve and a cold valve.
>> Sometimes I can get a water "hammer"
>> then it oscillates. Same thing?
>> Roger.
>>
>> --- On *Sun, 4/1/12, Mike Feher /<n4fs@...>
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=n4fs@...>/*
>> wrote:
>>
>>
>> From: Mike Feher <n4fs@...>
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=n4fs@...>
>> Subject: RE: [AWA Group] Ebay alert
>> To: AWAGroup@yahoogroups.com
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
>> Date: Sunday, April 1, 2012, 12:49 PM
>>
>>
>>
>> A good one Dan, HI. 73 -- Mike
>>
>> Mike B. Feher, N4FS
>>
>> 89 Arnold Blvd.
>>
>> Howell, NJ, 07731
>>
>> 732-886-5960
>>
>> *From:* AWAGroup@yahoogroups.com
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
>> [mailto:AWAGroup@yahoogroups.com
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>]
>> *On Behalf Of *Daniel Petersen
>> *Sent:* Sunday, April 01, 2012 12:40 PM
>> *To:* AWAGroup@yahoogroups.com
>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
>> *Subject:* [AWA Group] Ebay alert
>>
>> Ebay alert. HRO50 receiver with full plug in set-refurbished

>> and in mint condition. "buy it now" for $50.00 And $20 flat
>> shipping.
>> 0553156888
>> Dan
>>
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>>
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>>
>

6056. Re: [AWA Group] re: question from a new guy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-01 23:47:30 UTC
From: Leonard Meek
Topic: 6048 Message: 6056

Mary Texanna Loomis was president of the Loomis Radio College in Washington, DC. She mentions your QSO in her book, "Radio Theory and Operating," noting that your kite, unlike her father's kite, was constructed of pure fibbium. She would like to see you in her office.
----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: Sunday, April 01, 2012 1:45 PM
Subject: Re: [AWA Group] re: question from a new guy

QSL. One last thing, AWAGroup friends, is, I would like to unload the Brooklyn Bridge. This is how it happened: my work is an odd shift; not exactly afternoon or night shift--more a 'grey line' shift. As it happens, being one of the few on 40M at 2:00 EST, I was very fortunate to QSO a certain Mahlon Loomis, who can be found here: http://earlyradiohistory.us/sec021.htm Suffice it to say, I know I good deal when I hear when. Next? 73/Jim.

On 01/04/12 6:27 PM, Leonard Meek wrote:

I think someone is shuckin' and jivin' you.
----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: Sunday, April 01, 2012 12:18 PM
Subject: [AWA Group] re: question from a new guy

Thanks, Roger. 'Preciate the come back. Actually, the XYL was just recalling that where she works--a huge factory that produces paper invitations and such--every now and then someone cuts the document long. A batch might be 5 or 7 or 8 thousand items. The managers blow a gasket about having it re-cut; but the the worst is when someone cuts it short, then a 'paper stretcher' is required. The way the XYL tells it, this was a very big deal. I have been monitoring e-bay for a 'paper stretcher'. I know it's not, strictly speaking, radio related but the XYL's birthday is next week. Seems like a rare piece which I would be pleased to pay a fair price to surprise the XYL on her birthday. Would any of the members have a lead on a 'paper stretcher'?

73/Jim.

How much you need?

Roger.

--- On Sun, 4/1/12, Jim Robson <nc101x@...> wrote:

From: Jim Robson <nc101x@...>
Subject: [AWA Group] question from a new guy
To: AWAGroup@yahoogroups.com

Date: Sunday, April 1, 2012, 5:54 PM

Speaking of 'water hammers' and tube re-basing elixirs, I used to hang around the flight line a bit at the local airport. Every now and then, the fellas would send the new guys for a bucket of 'prop wash'. The old guys were determined that 'prop wash' was required. That was some 20 years ago. Would anybody know if 'prop wash' is still available? 73/Jim.

On 01/04/12 4:49 PM, Roger Kuchera wrote:

Hi Lou,
At this QTH I have a hot valve and a cold valve. Sometimes I can get a water "hammer" then it oscillates. Same thing?

Roger.

--- On Sun, 4/1/12, Mike Feher <n4fs@...> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [AWA Group] Ebay alert
To: AWAGroup@yahoogroups.com
Date: Sunday, April 1, 2012, 12:49 PM

A good one Dan, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Sunday, April 01, 2012 12:40 PM
To: AWAGroup@...m
Subject: [AWA Group] Ebay alert

Ebay alert. HRO50 receiver with full plug in set-refurbished and in mint condition. "buy it now" for $50.00 And $20 flat shipping.
0553156888
Dan

6057. Re: [AWA Group] re: question from a new guy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-02 00:50:45 UTC
From: Jim Robson
Topic: 6048 Message: 6057

QSL, my friend. 'See' the group on the airwaves. Very best/73/Jim/VE3BHK

On 01/04/12 7:47 PM, Leonard Meek wrote:
>
> Mary Texanna Loomis was president of the Loomis Radio College in
> Washington, DC. She mentions your QSO in her book, "Radio Theory and
> Operating," noting that your kite, unlike her father's kite, was
> constructed of pure fibbium. She would like to see you in her office.
>
> ----- Original Message -----
> *From:* Jim Robson <mailto:nc101x@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* Sunday, April 01, 2012 1:45 PM
> *Subject:* Re: [AWA Group] re: question from a new guy
>
> QSL. One last thing, AWAGroup friends, is, I would like to
> unload the Brooklyn Bridge. This is how it happened: my work is
> an odd shift; not exactly afternoon or night shift--more a 'grey
> line' shift. As it happens, being one of the few on 40M at 2:00
> EST, I was very fortunate to QSO a certain Mahlon Loomis, who can
> be found here: http://earlyradiohistory.us/sec021.htm Suffice it
> to say, I know I good deal when I hear when. Next? 73/Jim.
>
> On 01/04/12 6:27 PM, Leonard Meek wrote:
>> I think someone is shuckin' and jivin' you.
>>
>> ----- Original Message -----
>> *From:* Jim Robson <mailto:nc101x@...>
>> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
>> *Sent:* Sunday, April 01, 2012 12:18 PM
>> *Subject:* [AWA Group] re: question from a new guy
>>
>> Thanks, Roger. 'Preciate the come back. Actually, the XYL
>> was just recalling that where she works--a huge factory that
>> produces paper invitations and such--every now and then
>> someone cuts the document long. A batch might be 5 or 7 or 8
>> thousand items. The managers blow a gasket about having it
>> re-cut; but the the worst is when someone cuts it short, then
>> a 'paper stretcher' is required. The way the XYL tells it,
>> this was a very big deal. I have been monitoring e-bay for a
>> 'paper stretcher'. I know it's not, strictly speaking, radio
>> related but the XYL's birthday is next week. Seems like a
>> rare piece which I would be pleased to pay a fair price to
>> surprise the XYL on her birthday. Would any of the members
>> have a lead on a 'paper stretcher'?

>>
>> 73/Jim.
>>
>> How much you need?
>> Roger.
>>
>> --- On *Sun, 4/1/12, Jim Robson /<nc101x@...>/* wrote:
>>
>>
>> From: Jim Robson <nc101x@...>
>> Subject: [AWA Group] question from a new guy
>> To: AWAGroup@yahoogroups.com
>> Date: Sunday, April 1, 2012, 5:54 PM
>>
>>
>>
>> Speaking of 'water hammers' and tube re-basing elixirs, I
>> used to hang around the flight line a bit at the local
>> airport. Every now and then, the fellas would send the
>> new guys for a bucket of 'prop wash'. The old guys were
>> determined that 'prop wash' was required. That was some
>> 20 years ago. Would anybody know if 'prop wash' is still
>> available? 73/Jim.
>>
>> On 01/04/12 4:49 PM, Roger Kuchera wrote:
>>> Hi Lou,
>>> At this QTH/ /I have a hot valve and a cold valve.
>>> Sometimes I can get a water "hammer"
>>> then it oscillates. Same thing?
>>> Roger.
>>>
>>> --- On *Sun, 4/1/12, Mike Feher /<n4fs@...>
>>> <http://us.mc806.mail.yahoo.com/mc/compose?to=n4fs@...>/*
>>> wrote:
>>>
>>>
>>> From: Mike Feher <n4fs@...>
>>> <http://us.mc806.mail.yahoo.com/mc/compose?to=n4fs@...>
>>> Subject: RE: [AWA Group] Ebay alert
>>> To: AWAGroup@yahoogroups.com
>>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
>>> Date: Sunday, April 1, 2012, 12:49 PM
>>>
>>>
>>>
>>> A good one Dan, HI. 73 -- Mike
>>>
>>> Mike B. Feher, N4FS
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>>> 89 Arnold Blvd.

```
>>>
>>> Howell, NJ, 07731
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>>>
>>> *From:* AWAGroup@yahoogroups.com
>>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
>>> [mailto:AWAGroup@yahoogroups.com
>>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>]
>>> *On Behalf Of *Daniel Petersen
>>> *Sent:* Sunday, April 01, 2012 12:40 PM
>>> *To:* AWAGroup@yahoogroups.com
>>> <http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
>>> *Subject:* [AWA Group] Ebay alert
>>>
>>> Ebay alert. HRO50 receiver with full plug in
>>> set-refurbished and in mint condition. "buy it now" for
>>> $50.00 And $20 flat shipping.
>>> 0553156888
>>> Dan
>>>
>>>
>>>
>>>
>>>
>
```

6058. Re: [AWA Group] question from a new guy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-02 02:16:34 UTC
From: Roger Kuchera
Topic: 6048 Message: 6058

I'm running a special this week on dial tone!

Roger.

--- On Sun, 4/1/12, Jim Robson <nc101x@...> wrote:

From: Jim Robson <nc101x@quadro.net>
Subject: Re: [AWA Group] question from a new guy
To: AWAGroup@yahoogroups.com
Date: Sunday, April 1, 2012, 6:34 PM

Not much. Maybe a 'tail's spin' worth. 73/Jim.

On 01/04/12 5:08 PM, Roger Kuchera wrote:

How much you need?

Roger.

--- On Sun, 4/1/12, Jim Robson <nc101x@...> wrote:

From: Jim Robson <nc101x@quadro.net>
Subject: [AWA Group] question from a new guy
To: AWAGroup@yahoogroups.com
Date: Sunday, April 1, 2012, 5:54 PM

Speaking of 'water hammers' and tube re-basing elixirs, I used to hang around the flight line a bit at the local airport. Every now and then, the fellas would send the new guys for a bucket of 'prop wash'. The old guys were determined that 'prop wash' was required. That was some 20 years ago. Would anybody know if 'prop wash' is still available? 73/Jim.

On 01/04/12 4:49 PM, Roger Kuchera wrote:

Hi Lou,
    At this QTH I have a hot valve and a cold valve. Sometimes I can get a water "hammer" then it oscillates. Same thing?

Roger.

--- On Sun, 4/1/12, Mike Feher <n4fs@...> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [AWA Group] Ebay alert
To: AWAGroup@yahoogroups.com
Date: Sunday, April 1, 2012, 12:49 PM

A good one Dan, HI. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Sunday, April 01, 2012 12:40 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Ebay alert

Ebay alert. HRO50 receiver with full plug in set-refurbished and in mint condition. "buy it now" for $50.00 And $20 flat shipping.
0553156888
Dan

6059. Re: [AWA Group] question from a new guy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-02 02:33:31 UTC
From: Daniel Petersen
Topic: 6048 Message: 6059

So did anyone grab that HRO?

All seriousness aside, I am sure the USAF still has a good supply of both
"jet-wash" and rolls of "flight-line". They did when I was in the AF!
Dan - W7OIL

On Sun, Apr 1, 2012 at 7:16 PM, Roger Kuchera <rwkuchera@...> wrote:

> **
>
>
> I'm running a special this week on dial tone!
>
> Roger.
>
> --- On *Sun, 4/1/12, Jim Robson <nc101x@quadro.net>* wrote:
>
>
> From: Jim Robson <nc101x@...>
> Subject: Re: [AWA Group] question from a new guy
> To: AWAGroup@yahoogroups.com
> Date: Sunday, April 1, 2012, 6:34 PM
>
>
>
> Not much. Maybe a 'tail's spin' worth. 73/Jim.
>
> On 01/04/12 5:08 PM, Roger Kuchera wrote:
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> How much you need?
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> Roger.
>
> --- On *Sun, 4/1/12, Jim Robson
<nc101x@quadro.net><http://us.mc806.mail.yahoo.com/mc/compose?to=nc101x@...>
> * wrote:
>
>
> From: Jim Robson <nc101x@...><http://us.mc806.mail.yahoo.com/mc/compose?to=nc101x@...>
> Subject: [AWA Group] question from a new guy
> To: AWAGroup@yahoogroups.com<http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoo
groups.com>
> Date: Sunday, April 1, 2012, 5:54 PM
>
>

>
> Speaking of 'water hammers' and tube re-basing elixirs, I used to hang
> around the flight line a bit at the local airport. Every now and then, the
> fellas would send the new guys for a bucket of 'prop wash'. The old guys
> were determined that 'prop wash' was required. That was some 20 years
> ago. Would anybody know if 'prop wash' is still available? 73/Jim.
>
> On 01/04/12 4:49 PM, Roger Kuchera wrote:
>
>
> Hi Lou,
> At this QTH* *I have a hot valve and a cold valve. Sometimes I can
> get a water "hammer"
> then it oscillates. Same thing?
>
> Roger.
>
> --- On *Sun, 4/1/12, Mike Feher
<n4fs@...><http://us.mc806.mail.yahoo.com/mc/compose?to=n4fs@...>
> * wrote:
>
>
> From: Mike Feher <n4fs@...><http://us.mc806.mail.yahoo.com/mc/compose?to=n4fs@...>
> Subject: RE: [AWA Group] Ebay alert
> To: AWAGroup@yahoogroups.com<http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoo
groups.com>
> Date: Sunday, April 1, 2012, 12:49 PM
>
>
>
> A good one Dan, HI. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
> *From:* AWAGroup@yahoogroups.com<http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@y
ahoogroups.com>[
> mailto:AWAGroup@yahoogroups.com<http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@ya
hoogroups.com>]
> *On Behalf Of *Daniel Petersen
> *Sent:* Sunday, April 01, 2012 12:40 PM

> *To:* AWAGroup@yahoogroups.com<http://us.mc806.mail.yahoo.com/mc/compose?to=AWAGroup@yahoogroups.com>
> *Subject:* [AWA Group] Ebay alert
>
>
>
>
> Ebay alert. HRO50 receiver with full plug in set-refurbished and in mint
> condition. "buy it now" for $50.00 And $20 flat shipping.
> 0553156888
> Dan
>
>
>
>
>
>
>
>
>

6060. Frm another site

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-02 14:21:52 UTC
From: Louis Vermond
Topic: 6060 Message: 6060

P.S. - I hear a rumor that Heathkit is being rekindled, and that after a bit of hesitation, they may offer some ham radio items.

6061. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-02 20:27:26 UTC
From: Louis Vermond
Topic: 130 Message: 6061
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.ca/itm/RADIOTRON-BRASS-BASE-PAIR-TYPE-UV-202-RARE-GLOBE-RCA-GENERAL-ELECTRIC-TUBES-/300689655316?pt=Vintage_Electronics_R2&hash=item4602800614

6062. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-02 20:44:51 UTC
From: Mike Feher
Topic: 130 Message: 6062
Attachments: 1 described; binary payloads are missing from this source WARC

This guy has been selling collector type tubes for a long while now, and, charging outrageous prices. Amazingly, sometimes he even get them. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, April 02, 2012 4:27 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert

http://www.ebay.ca/itm/RADIOTRON-BRASS-BASE-PAIR-TYPE-UV-202-RARE-GLOBE-RCA-GENERAL-ELECTRIC-TUBES-/300689655316?pt=Vintage_Electronics_R2
<http://www.ebay.ca/itm/RADIOTRON-BRASS-BASE-PAIR-TYPE-UV-202-RARE-GLOBE-RCA-GENERAL-ELECTRIC-TUBES-/300689655316?pt=Vintage_Electronics_R2&hash=item4602800614> &hash=item4602800614

6063. Tube Base Cement

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-03 19:36:38 UTC
From: Leonard Meek
Topic: 6063 Message: 6063

Regarding tube base cement, here's a formula I found on the internet:

This recipe for RCA's basing cement, yielding about 200 pounds of material, was "standard for all bases.":

Coarse marble flour 170 lb.
Orange flake shellac 19-1/2 lb.
Durite phenolic resin LR275-2 7-1/2 lb.
Medium-color (grade G) rosin 3-1/4 lb.
Denatured alcohol 9 liters
Malachite Green aniline dye 10 g.

(Just for reference: the above recipe yielded enough cement to put bases on 23,000 Type 50 tubes

6064. Ebay Alert N3IBX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-05 12:21:26 UTC
From: Louis Vermond
Topic: 6064 Message: 6064
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/EIMAC-304TH-NOS-TUBES-HAM-AMPLIFIER-HF-AMPLIFIER-RF-LINEAR-COLLINS-RADIO-DRAKE-/150788234279?_trksid=p4340.m1374&_trkparms=algo%3DPI.WATCH%26its%3DC%252BS%26itu%3DUCC%26otn%3D15%26ps%3D63%26clkid%3D7504994027526463111

6065. Re: Ebay Alert N3IBX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-05 15:07:05 UTC
From: Charlie
Topic: 6064 Message: 6065

How times have changed.

In the late 60's at a local Ham radio club auction, George, the auctioneer, was selling off most of his WWII surplus electronics... Well, that night the auction was dragging along...George brought out a carton of 304's and pulled one out for bid, he could see several guys actually sleeping in the rear of the club house for he began to fumble the 304 and let it drop... POW, woke everybody up right quick... Needless to say none of the 304's got sold even for a dollar each...

304's were never as cheap as they were that night...

Chas

WA1JFD

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
>
>
>
> http://www.ebay.com/itm/EIMAC-304TH-NOS-TUBES-HAM-AMPLIFIER-HF-AMPLIFIER-RF-LINEAR-COLLINS-RADIO-DRAKE-/150788234279?_trksid=p4340.m1374&_trkparms=algo%3DPI.WATCH%26its%3DC%252BS%26itu%3DUCC%26otn%3D15%26ps%3D63%26clkid%3D7504994027526463111
>

6066. Wanted: Coupler for Millen 90711 VFO

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-05 23:29:52 UTC
From: whitebear1122@comcast.net
Topic: 6066 Message: 6066

Hi, I'm going to be restoring a Millen 90711 VFO that I bought from John Dilks last Fall. I would like to find the original coupler unit for it. The coupler is a tuned circuit at the end of some coax, 20m, 40m, 80m band switch on it, plugs into the transmitter crystal socket. I've put some pictures of it up on photobucket.com here:
http://s1140.photobucket.com/albums/n571/651daisy/Millen%2090711%20VFO%20Remote%20COUPLER/

Pictures are courtesy of my buddy Don N9OO. If I can't find one, then I'll simply build one but I'm checking with the lists first. Yes I did check with Ralph from Millen but he reported back that they don't have any of these materials. I intend to use the Milllen VFO and coupler with my 1935 Gross CP-100 transmitter and NC-101X station.

73, Scott WA9WFA

6067. Bill NT9K

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-08 00:55:51 UTC
From: Louis Vermond
Topic: 6067 Message: 6067

http://www.nt9k.com/slatboard.html

6068. Seeking Thordarson info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-08 04:36:14 UTC
From: Roger Kuchera
Topic: 6068 Message: 6068

Gentlemen,
I am looking for some data on a Thordarson choke. I perused the catalogs on the net but didn't find anything on the one I have. It is probably one of the older types. The marking on it is:

2859 A

It measures about 7 Henries and 84 Ohms. Does anyone have any other data? What current can it handle? Is it a swinging or smoothing type?

Thank you.

CUL, Roger/K1TG

6069. Re: [AWA Group] It's alive!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-03-27 03:22:05 UTC
From: Jon, AB9ZG
Topic: 6007 Message: 6069

Paul,

Have you fired up your 860 yet? I'm curious if the plate efficiency at low plate potentials is as poor as it says it is in the datasheet.

73,
Jon

From: N1BUG <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, March 26, 2012 8:37 PM
Subject: Re: [AWA Group] It's alive!!

Wow! Makes my UX-860 look puny!

Paul

On 03/26/2012 08:54 PM, Jon AB9ZG wrote:
"Are you seriously gonna place TWO of these beauties into push-pull operation...?" Thats the plan. I figure a pair will give legal limit output on fone in Class B. They could also give legal limit on CW but would require twice as large a power supply, which I'm not going to make. "If so, have you located a second one to partner it up with...?" Yup, I'm trading my 1921 UV-204 for the second one.

6070. Transmitter tube collection

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-09 12:04:47 UTC
From: Don
Topic: 6070 Message: 6070

Yesterday near Kempville Ontario my niece's husband showed me his tube collection. It was assembled by his geat uncle Ivin Hart who worked at GE years ago. The family was going to chuck it but Craig (Niece's hubby)recued it. Very interesting. 866a 355a Pt215 813 304 plus a row of the air cooled 4 series inclding a matc pair of 4-1000 , 4-250, 4-21 etc. Centre top was a big round globe tube with two external caps mounted in a large ceramic 4 pin socket. All I checked were transmitting tubes. Irvin Hart passed away in 2009. Craig did not know if he was a ham but I suspect so since they are all transmitter tubes. I have an old call book for Ontario (1980s)I will search through. Craig said he would clean the display and take a photo for us shortly.
Don VE3LYX

6071. AWA Spring Meet 2012

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-09 20:59:51 UTC
From: Eddy Swynar
Topic: 4946 Message: 6071

Hi All,

Can anyone confirm the exact location & time of this year's AWA Spring Meet...?

Rumor has it that the venue is to return BACK to the old annex site, & the Legion Hall that's adjacent to it, on account of diminishing participation...true? (I sure will miss the indoor forums / presentations held at the school auditorium in years past!).

Also, does anyone have any idea as to what time it starts, & what the access cost might be to enter the grounds...?

Many thanks in advance...!

~73~ de Eddy VE3CUI - VE3XZ

6072. Re: [AWA Group] AWA Spring Meet 2012

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-09 21:03:37 UTC
From: Louis Vermond
Topic: 4946 Message: 6072

Hw abt tt daze WX rpt as well.... :0)

6073. AWA Spring Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-10 15:53:40 UTC
From: Allan Pellnat KX2H
Topic: 2358 Message: 6073

The January issue of The AWA Journal incorrectly gives the date at May 6th with location TBA. The correct date is May 5th, Saturday as usual. The location will be the grounds of the former annex and VFW post which is now a Bloomfield town recreation area. The reason for the move of venue is that the Bloomfield school district's budget cuts have made it impossible for us to use the school building. The VFW building will house some indoor events and the grounds will be arranged for the flea market. So barring a snow storm it'll be just like the old days that everybody keeps reminiscing about.

Allan Pellnat
KX2H

6074. Re: [AWA Group] AWA Spring Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-10 16:06:21 UTC
From: Eddy Swynar
Topic: 2358 Message: 6074

On 2012-04-10, at 11:53 AM, Allan Pellnat KX2H wrote:

>
> The January issue of The AWA Journal incorrectly gives the date at May 6th with location TBA. The correct date is May 5th, Saturday as usual. The location will be the grounds of the former annex and VFW post which is now a Bloomfield town recreation area. The reason for the move of venue is that the Bloomfield school district's budget cuts have made it impossible for us to use the school building. The VFW building will house some indoor events and the grounds will be arranged for the flea market. So barring a snow storm it'll be just like the old days that everybody keeps reminiscing about.
>

Many thanks, Alan...!

It'll be like a trip back to the good ol' daze, for sure...

~73~ de Eddy VE3CUI - VE3XZ

6075. eBay Alert Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-10 20:36:05 UTC
From: Louis Vermond
Topic: 6075 Message: 6075

Can anyone tell me what the relationship is between this and xtal radio beyond RF? Tks, Lou

ANTIQUE MARCONI CRYSTAL RADIO PAD TYPE 1 PLATFORM

http://www.ebay.co.uk/itm/ws/eBayISAPI.dll?ViewItem&item=150792183476&ssPageName=ADME:X:RTQ:GB:1123

6076. RE: [AWA Group] eBay Alert Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-10 20:43:35 UTC
From: Bauman, John
Topic: 6075 Message: 6076

Lou,
I see the seller evaded your inquiry.

John

Can anyone tell me what the relationship is between this and xtal radio beyond RF? Tks, Lou

ANTIQUE MARCONI CRYSTAL RADIO PAD TYPE 1 PLATFORM

http://www.ebay.co.uk/itm/ws/eBayISAPI.dll?ViewItem&item=150792183476&ssPageName=ADME:X:RTQ:GB:1123

6077. Re: [AWA Group] eBay Alert Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-10 20:53:02 UTC
From: Louis Vermond
Topic: 6075 Message: 6077

Yes...

----- Original Message -----
From: Bauman, John
To: 'AWAGroup@yahoogroups.com'
Sent: 2012-04-10 4:43 PM
Subject: RE: [AWA Group] eBay Alert Question

Lou,

I see the seller evaded your inquiry.

John

Can anyone tell me what the relationship is between this and xtal radio beyond RF? Tks, Lou

ANTIQUE MARCONI CRYSTAL RADIO PAD TYPE 1 PLATFORM

http://www.ebay.co.uk/itm/ws/eBayISAPI.dll?ViewItem&item=150792183476&ssPageName=ADME:X:RTQ:GB:1123

6078. Re: [AWA Group] eBay Alert Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-10 22:19:03 UTC
From: ve7sl@shaw.ca
Topic: 6075 Message: 6078

No idea what it is and obviously he doesn't know either it would seem, from his smart-ass response.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6079. de K1TG - with Apologies

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-12 19:49:10 UTC
From: Roger Kuchera
Topic: 6079 Message: 6079

Gentlemen,

I had a second look at the "unknown" Thordarson choke that I needed data on. This time I got the part number correct. It needed a little work from an old toothbrush to highlight the actual number. It is a T-2353-A. I found a series of Thordarson catalogs on-line and it was in the 341 catalog (circa 1935). The data reads:

5 Henries at 200 Ma (10.6 Henries at 0 Ma.)
80 Ohms (winding resistance)
1600 volts insulation

The configuration I have is with exposed screw terminals. Probably, not the safest thing. A couple of pencil erasers seems to cover most of the terminal exposure.

My apologies for giving the wrong part number. Thank you for your time.

CUL, Roger/K1TG

6080. Re: [AWA Group] de K1TG - with Apologies

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-12 19:56:12 UTC
From: Louis Vermond
Topic: 6079 Message: 6080

5 Henries at 200 Ma (10.6 Henries at 0 Ma.)

Looks like a winner, Roger. Lou

6081. Re: [AWA Group] de K1TG - with Apologies

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-12 20:08:52 UTC
From: Roger Kuchera
Topic: 6079 Message: 6081

Hi Lou,
I hope so. It is going into the special PS I am building for the Unity-Coupled TX. So far
I have had one transformer failure (a recycled beast) and one silicon diode rectifier bad, right out of the bag!! I hope the 2.5 volt Hammond hangs in there.

CUL, Roger/K1TG

--- On Thu, 4/12/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] de K1TG - with Apologies
To: AWAGroup@yahoogroups.com
Date: Thursday, April 12, 2012, 3:56 PM

5 Henries at 200 Ma (10.6 Henries at 0 Ma.)

Looks like a winner, Roger. Lou

6082. Re: [AWA Group] It's alive!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-09 13:48:23 UTC
From: N1BUG
Topic: 6007 Message: 6082

Hi Jon,

This message is dated March 26 just showed up in my inbox.

No, I haven't fired up the UX-860. It will probably be a year or more! I suspect the plate efficiency will be around 70% as with most other tubes. The 865 datasheet also shows very poor plate efficiency but your data and others have shown it to be about 70%. I have seen similar inconsistencies between datasheets and real world results with "modern" tetrodes also.

73,
Paul

On 03/26/2012 11:22 PM, Jon, AB9ZG wrote:

Paul,

Have you fired up your 860 yet? I'm curious if the plate efficiency at low plate potentials is as poor as it says it is in the datasheet.

73,

Jon

From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: Monday, March 26, 2012 8:37 PM
Subject: Re: [AWA Group] It's alive!!

Wow! Makes my UX-860 look puny!

Paul

6083. Dave - KB7GP

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-14 12:01:54 UTC
From: Mike Feher
Topic: 6083 Message: 6083

Please welcome Dave to the Group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

6084. trade?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-14 21:35:10 UTC
From: Jim Robson
Topic: 6084 Message: 6084

AWA Group friends--

Spending the afternoon trying to break into pile-ups of /titanic/ proportions on HF. Found EI100TT out of Belgium on 20m mid-day but no joy; maybe early tomorrow morning QSO.

I have a number of vintage tubes I would like to find a new home for. Cash or trade, I am looking for a radio I could give a new home--something along the lines of a TS-530 or IC-745:

1. two of WD-11--brass-based, both filament tests good; unable to test for emission
2. nine of used 245--all nine test very good in my Stark tube tester
3. two of new 280--one tests as new; the other is in a sealed carton
4. one of new 281--tests as new
5. three of new 171--tests as new; two used 171--test strong
6. one of 226 and three of 227--not entirely certain if new; test strong

Any of the members have any interest?

73, Jim/VE3BHK

6085. follow up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-15 16:41:08 UTC
From: Jim Robson
Topic: 6085 Message: 6085

AWAGroup friends--

Someone is looking after me...had the tubes listed on a local buy/sell site for the last month. They sold this morning and I have a line on an Icom 745.

Also, correction: that was ON100TT I copied yesterday.

73, Jim/VE3BHK

6086. Once-common plate power apparatus?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-17 03:13:14 UTC
From: Jon AB9ZG
Topic: 6086 Message: 6086

Judging by old publications, S-tubes, motor-generator sets, and mercury arc rectifier were commonly used in plate power supplies in the 1920's. However, I've never actually seen anyone using them these days.

So the question is: Has anyone here used or seriously considered the use of these items in the plate supply of their transmitter?

6087. Re: Once-common plate power apparatus?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-17 13:47:28 UTC
From: Charlie
Topic: 6086 Message: 6087

Yes...

I have 1/2 of a Westinghouse 1/2kw m/g set. I have been searching for, would you believe, the missing motor. Sounds simple but the motor (has) to be of a specific frame type and speed, 3450 or so, I have several motors of the correct frame but 1740 rpm. Oh, the frame for the m/g set is black lacquered cast iron with a specific drilled pattern for the motor... In the shed is an ESSCO generator I think it is for filaments, 8 volts, there is a clutch for it too,. The SK told me it was the generator from a bi-plane? I don't have the prop...

The Cooper-Hewitt rectifier is also ready, as found with home-brew oil tank and kicker...

Strangely enough I was at the MIT Flea this past Sunday and saw available a Cooper-Hewitt rectifier, It looked like the next size larger than the one I have, maybe 10 amps? It was mounted in a display case, appeared very clear in the condensing area, so seems it had little use.

No mention was made of direct mechanical rectification or chemical rectifiers, "slop jars" :|

So it is a work in progress, at least until the motor shows up and a suitable power transformer, ie: Pole Pig...

Regards,

Charles

WA1JFD

--- In AWAGroup@yahoogroups.com, "Jon AB9ZG" <ab9zg@...> wrote:
>
> Judging by old publications, S-tubes, motor-generator sets, and mercury
> arc rectifier were commonly used in plate power supplies in the 1920's.
> However, I've never actually seen anyone using them these days.
>
> So the question is: Has anyone here used or seriously considered the use
> of these items in the plate supply of their transmitter?
>

6088. Re: Once-common plate power apparatus?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-18 14:40:39 UTC
From: Jon AB9ZG
Topic: 6086 Message: 6088

Sounds like a couple of interesting setups. Please post a picture of the Cooper-Hewitt rectifier when you eventually fire it up.

I'd love to get a mercury arc rectifier but haven't found one in my area yet. When found, are they typically still good?

6089. Wireless Set #9 Available

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-21 19:39:45 UTC
From: Eddy Swynar
Topic: 6089 Message: 6089
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys,

If anyone reading this is personally interested---or knows of someone who might be---in a 1939-vintage British / Canadian Wireless Set No. 9, please let me know off-line...

I have the RECEIVER portion of one here (it's visible on the bottom LH part of the overall view below) that was given to me by my uncle many decades ago---and it's time, I'm afraid, to cull the herd here...

I was hoping to pass it off to a new owner on the occasion of May's upcoming AWA Spring Meet...price & condition can be discussed off-line...

Many thanks.

~73~ de Eddy VE3CUI - VE3XZ
deswynar@...

PS: Further info on the W.S. No. 9 may be obtained by following the leads in http://wftw.nl/wireless/ws09b.jpg

6090. AWA Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-21 19:43:09 UTC
From: Eddy Swynar
Topic: 6090 Message: 6090

Hi Guys,

Is the latest AWA JOURNAL out yet...? Has anyone received their copy already...?

~73~ de Eddy VE3CUI - VE3XZ

6091. Tube ID

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-23 20:03:56 UTC
From: Leonard Meek
Topic: 6091 Message: 6091

I need some help ID'ing some tubes in my junk box. They are subminiatures, round (vs flattened), filament triodes. The filaments seem to work best at 0.7 volts and 0.01 amps. The only ID on them is "433" and "447." There's also an "E" but I don't know if that's part of the ID or not. They are definitely not '33's or '47's. I think they were advertised as "Hearing Aid Tubes" when I bought them years ago but no one seems to own up to their manufacture.

Leonard

6092. RE: [AWA Group] Tube ID

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-23 23:56:43 UTC
From: Steve Flood
Topic: 6091 Message: 6092
Attachments: 2 described; binary payloads are missing from this source WARC

Try hear...

www.Hearingaidmuseum.com

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Monday, April 23, 2012 2:04 PM
To: regenrx@yahoogroups.com
Cc: AWAGroup@yahoogroups.com
Subject: [AWA Group] Tube ID

I need some help ID'ing some tubes in my junk box. They are subminiatures, round (vs flattened), filament triodes. The filaments seem to work best at 0.7 volts and 0.01 amps. The only ID on them is "433" and "447." There's also an "E" but I don't know if that's part of the ID or not. They are definitely not '33's or '47's. I think they were advertised as "Hearing Aid Tubes" when I bought them years ago but no one seems to own up to their manufacture.

Leonard

6093. Re: [AWA Group] Tube ID

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 01:10:13 UTC
From: Leonard Meek
Topic: 6091 Message: 6093

I went there and to another site but they didn't have any info on the tubes they used.

Leonard
----- Original Message -----
From: Steve Flood
To: AWAGroup@yahoogroups.com
Sent: Monday, April 23, 2012 1:56 PM
Subject: RE: [AWA Group] Tube ID

Try hear...

www.Hearingaidmuseum.com

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Monday, April 23, 2012 2:04 PM
To: regenrx@yahoogroups.com
Cc: AWAGroup@yahoogroups.com
Subject: [AWA Group] Tube ID

I need some help ID'ing some tubes in my junk box. They are subminiatures, round (vs flattened), filament triodes. The filaments seem to work best at 0.7 volts and 0.01 amps. The only ID on them is "433" and "447." There's also an "E" but I don't know if that's part of the ID or not. They are definitely not '33's or '47's. I think they were advertised as "Hearing Aid Tubes" when I bought them years ago but no one seems to own up to their manufacture.

Leonard

6094. Re: [AWA Group] Tube ID

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 11:47:42 UTC
From: Eddy Swynar
Topic: 6091 Message: 6094

On 2012-04-23, at 4:03 PM, Leonard Meek wrote:

>
> I need some help ID'ing some tubes in my junk box. They are subminiatures, round (vs flattened), filament triodes. The filaments seem to work best at 0.7 volts and 0.01 amps. The only ID on them is "433" and "447." There's also an "E" but I don't know if that's part of the ID or not. They are definitely not '33's or '47's. I think they were advertised as "Hearing Aid Tubes" when I bought them years ago but no one seems to own up to their manufacture.
>

Hi Leonard,

Try visiting this site---it may be of some use to you:

http://pw2.netcom.com/~wa2ise/radios/penciltubes.html

Good luck!

~73~ de Eddy VE3CUI - VE3XZ

6095. Kelley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 17:02:25 UTC
From: Louis Vermond
Topic: 6095 Message: 6095

221

6096. Re: [AWA Group] Kelley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 17:12:35 UTC
From: Eddy Swynar
Topic: 6095 Message: 6096

Huh...?

On 2012-04-24, at 1:02 PM, Louis Vermond wrote

>
> 221
>
>

6097. Re: [AWA Group] Tube ID

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 17:52:25 UTC
From: Leonard Meek
Topic: 6091 Message: 6097

Thanks Eddy, I already have that list, as well as every other list I could find. The numbers on the tubes must be house numbers, maybe for Sonotone (?) or some other manufacturer. They look like the tubes that were in my friends grandfather's prewar hearing aid. They're a little larger than the CK512AX types and may be older. I guess I'll just have to breadboard them and see what I can do with them.

Leonard

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Cc: regenrx@...m
Sent: Tuesday, April 24, 2012 1:47 AM
Subject: Re: [AWA Group] Tube ID

On 2012-04-23, at 4:03 PM, Leonard Meek wrote:

I need some help ID'ing some tubes in my junk box. They are subminiatures, round (vs flattened), filament triodes. The filaments seem to work best at 0.7 volts and 0.01 amps. The only ID on them is "433" and "447." There's also an "E" but I don't know if that's part of the ID or not. They are definitely not '33's or '47's. I think they were advertised as "Hearing Aid Tubes" when I bought them years ago but no one seems to own up to their manufacture.

Hi Leonard,

Try visiting this site---it may be of some use to you:

http://pw2.netcom.com/~wa2ise/radios/penciltubes.html

Good luck!

~73~ de Eddy VE3CUI - VE3XZ

6098. Re: [AWA Group] Kelley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 18:14:17 UTC
From: ve7sl@shaw.ca
Topic: 6095 Message: 6098

It's Lou getting antsy...221 days to the next B-K :-)

>Huh...?

On 2012-04-24, at 1:02 PM, Louis Vermond wrote

>
> 221
>
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6099. Kelley & Antsy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 18:52:13 UTC
From: Louis Vermond
Topic: 6099 Message: 6099

220.5

6100. Re: [AWA Group] Kelley & Antsy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 19:02:07 UTC
From: Eddy Swynar
Topic: 6099 Message: 6100

Hi Lou,

I only know the International Code here...what code are YOU using...?

Please share, as it's impolite to speak a different language with someone in the presence of one who doesn't get the lingo...

~73~ de Eddy VE3CUI - VE3XZ

On 2012-04-24, at 2:52 PM, Louis Vermond wrote:

>
> 220.5
>
>
>
>

6101. Re: [AWA Group] Kelley & Antsy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 19:28:31 UTC
From: Louis Vermond
Topic: 6099 Message: 6101
Attachments: 1 described; binary payloads are missing from this source WARC

I only know the International Code here...what code are YOU using...?

6102. Re: [AWA Group] Kelley & Antsy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 19:35:35 UTC
From: Eddy Swynar
Topic: 6099 Message: 6102

Hi Lou,

You just go right ahead & enjoy that cloud you're on, & obviously having fun with---I'll climb off it now, promise! : >)

~73~ de Eddy VE3CUI - VE3XZ

PS: Are you gonna make it to the Spring Meet this year...?

****

On 2012-04-24, at 3:28 PM, Louis Vermond wrote:

>
> I only know the International Code here...what code are YOU using...?
>
> <450.jpg>
>
>

6103. AWA Spring Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 19:46:38 UTC
From: Eddy Swynar
Topic: 2358 Message: 6103

Hi Guys,

Speaking of which, is anyone planning on attending the Spring Meet, besides just l'il ol' me...?! : >)

~73~ de Eddy VE3CUI - VE3XZ

6104. Re: [AWA Group] AWA Spring Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 19:55:29 UTC
From: Louis Vermond
Topic: 2358 Message: 6104

Nope, Lou

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-04-24 3:46 PM
Subject: [AWA Group] AWA Spring Meet

Hi Guys,

Speaking of which, is anyone planning on attending the Spring Meet, besides just l'il ol' me...?! : >)

~73~ de Eddy VE3CUI - VE3XZ

6105. Lou & the BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 19:55:28 UTC
From: N1BUG
Topic: 6099 Message: 6105

Lou needs a BK countdown clock. Days, hours, minutes, seconds. Do we need to include hundredths of a second? ;-)

Bugsy

6106. Get ready!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 21:10:53 UTC
From: Louis Vermond
Topic: 6106 Message: 6106

Better start getting ready OM... time's a countin' down fast! 73, Bugs

http://n1bug.com/BKcountdown.html

6107. VE3BHK/VA3AWA Station Open House

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 22:48:03 UTC
From: Jim Robson
Topic: 6107 Message: 6107
Attachments: 1 described; binary payloads are missing from this source WARC

AWAGroup friends--

Every other year, the XYL and I gratefully celebrate our many friendships with a rock and roll themed bar-b-q at our house. We're on this year!

The tradition is to feature none other than the King of rock and roll, Elvis Presley, and no one does it better than the famous Eddy Prince! We have had many exchanges with Eddy this winter...he is very excited to join us again!

If you've never heard of Elvis Presley, kindly see here:
http://www.youtube.com/watch?v=MK0x6U1aPuk
<https://connect.uwaterloo.ca/owa/redir.aspx?C=0ea2d580da494ead93fdc8c70b65149f&URL=http%3a%2f%2fwww.youtube.com%2fwatch%3fv%3dMK0x6U1aPuk>

If you've never heard of Eddy Prince, please see attachment. Hard to tell the difference....

By popular demand, it is potluck. We are providing expertly grilled hamburgers and fresh salmon. The date is Saturday, July 21. The time is, as in other years, start at 3:00, end when the cops show up. If you are in southwestern Ontario on that date, it would be great if you could swing by.

We, and the granddaughters, hope you can join us! If you could QSL in the next month or so, that would be awesome!

Thank you. Thank you, very much.

73, Jim and Debbie.

6108. Parts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-25 16:45:14 UTC
From: ve7sl@shaw.ca
Topic: 6106 Message: 6108

On Sunday I online-ordered some capacitors for a 600m LPF, with Digikey, and received an automated response. Today at 0840 there was a knock at the door and the FEDEX girl with my box of parts! Unbelievably good service (and shipping at just $8 Canadian) when one considers that this was a cross-border transaction...something that some companies won't even consider. Hats off to DIGIKEY!!

Steve

Mayne Island, BC

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6109. Re: [AWA Group] Parts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-25 16:54:41 UTC
From: Louis Vermond
Topic: 6106 Message: 6109

Do they carry UX-210s?

----- Original Message -----
From: ve7sl@shaw.ca
To: AWAGroup@yahoogroups.com
Sent: 2012-04-25 12:45 PM
Subject: [AWA Group] Parts

On Sunday I online-ordered some capacitors for a 600m LPF, with Digikey, and received an automated response. Today at 0840 there was a knock at the door and the FEDEX girl with my box of parts! Unbelievably good service (and shipping at just $8 Canadian) when one considers that this was a cross-border transaction...something that some companies won't even consider. Hats off to DIGIKEY!!

Steve

Mayne Island, BC

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6110. Re: [AWA Group] Parts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-25 17:39:45 UTC
From: ve7sl@shaw.ca
Topic: 6106 Message: 6110

>Do they carry UX-210s?

go back to bed Lou...ur still dreaming

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6111. AWA Spring Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-25 18:00:01 UTC
From: Eddy Swynar
Topic: 2358 Message: 6111

Hi Guys,

Well that deafening wall of silence that I've received back re. possible attendance at this year's Spring Meet has surely served to warm the cockles of my heart...!

Now I won't have to worry about excess competition, should I have the good fortune of coming across some deals & goodies such as I've encountered in past trips there, like:

-An entire shelf of bound QST magazines from the 20's & 30's for ten bucks a year;

-A roller inductored HB transmatch for $0.50;

-A whole BOX full of "G.E. Ham News" magazines going right back to Vol. 1 - Issue 1---FREE;

-A 1932 ARRL HANDBOOK for $10.00;

-A recent ICOM transceiver, N.I.B. with 6-meters for $300.00;

And a whole heap of other goodies, far too numerous to mention (or even remember!). Oh well, your loss is my gain...but not to worry, fellas, I'll be thinkin' of ya! : >)

~73~ de Eddy VE3CUI - VE3XZ

6112. Re: [AWA Group] AWA Spring Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-26 11:50:47 UTC
From: ne1s@securespeed.us
Topic: 2358 Message: 6112

> Hi Guys,
>
> Well that deafening wall of silence that I've received back re. possible
> attendance at this year's Spring Meet has surely served to warm the
> cockles of my heart...!
>

Sorry Eddy. Two reasons why I won't be there, as much as I'd like to be:

1) It's about a 500 mile haul for me, one way. As it is, I only end up making the Conference about every other year on average. With the gas and a minimum of 2 overnight stays and meals out, it's not an inexpensive trip.

2) It always conflicts with the spring NEARFEST, which is the biggest and best hamfest in New England and only about a 2 hour drive from here.

Have fun and I hope you find lotsa great stuff!

73,
-Larry/NE1S

6113. Re: [AWA Group] AWA Spring Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-26 13:43:08 UTC
From: Eddy Swynar
Topic: 2358 Message: 6113

Hi Larry,

Many thanks...

I look forward to this event every Spring---it's almost become a rite of the season! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

On 2012-04-26, at 7:50 AM, ne1s@... wrote:

> > Hi Guys,
> >
> > Well that deafening wall of silence that I've received back re. possible
> > attendance at this year's Spring Meet has surely served to warm the
> > cockles of my heart...!
> >
>
> Sorry Eddy. Two reasons why I won't be there, as much as I'd like to be:
>
> 1) It's about a 500 mile haul for me, one way. As it is, I only end up
> making the Conference about every other year on average. With the gas and
> a minimum of 2 overnight stays and meals out, it's not an inexpensive
> trip.
>
> 2) It always conflicts with the spring NEARFEST, which is the biggest and
> best hamfest in New England and only about a 2 hour drive from here.
>
> Have fun and I hope you find lotsa great stuff!
>
> 73,
> -Larry/NE1S
>
>

6114. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-26 20:54:46 UTC
From: Louis Vermond
Topic: 130 Message: 6114

http://www.ebay.com/itm/Antique-Bakelite-Tube-Radio-Parts-Knobs-Dials-1920s-LARGE-LOT-/160787655312?_trksid=e11003.m503&_trkparms=algo%3DRIC.CFNPRP%26its%3DI%26itu%3DUA%26otn%3D4%26pmod%3D170826104532%26ps%3D63%26clkid%3D8000326880062507644
Antique Bakelite Tube Radio Parts Knobs Dials 1920's LARGE LOT!!!

6115. Re: [AWA Group] Lou & the BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-25 13:07:26 UTC
From: Roger Kuchera
Topic: 6099 Message: 6115

I might offer a suggestion of WWV or CHU ticks to be precise.

Roger.

--- On Tue, 4/24/12, N1BUG <paul@...> wrote:

From: N1BUG <paul@n1bug.com>
Subject: [AWA Group] Lou & the BK
To: AWAGroup@yahoogroups.com
Date: Tuesday, April 24, 2012, 3:55 PM

Lou needs a BK countdown clock. Days, hours, minutes, seconds. Do we need to include hundredths of a second? ;-)

Bugsy

6116. Re: [AWA Group] Get ready!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-25 12:41:52 UTC
From: ne1s@securespeed.us
Topic: 6106 Message: 6116

```
> Better start getting ready OM... time's a countin' down fast! 73, Bugs
>
> http://n1bug.com/BKcountdown.html
>
>

Nice ;-)
```

6117. Re: [AWA Group] Get ready!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-24 21:16:18 UTC
From: Eddy Swynar
Topic: 6106 Message: 6117

On 2012-04-24, at 5:10 PM, Louis Vermond wrote:

>
> Better start getting ready OM... time's a countin' down fast! 73, Bugs
>
> http://n1bug.com/BKcountdown.html
>

Thanks, Paul---he really & truly needed that!

~73~ de Eddy VE3CUI - VE3XZ

6118. Canadian Radio Amateur Callbook: 1923

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-27 18:00:52 UTC
From: Eddy Swynar
Topic: 6118 Message: 6118

Hi Guys,

In case you may have missed this from awhile ago, here's a link to what is, in effect, The Radio Amateur's Callbook (Canada) for 1923:

http://www.kwarc.org/dbaccess/radio1923.html

Enjoy!

It's fun navigating through the site. You can look up who had a ticket in your hometown back then, & everything. I found one of the earliest Ham QTHs in Bowmanville mere months before they tore the place down to expand the local GM dealership...

~73~ de Eddy VE3CUI - VE3XZ

6119. Re: [AWA Group] Canadian Radio Amateur Callbook: 1923

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-04-28 15:50:16 UTC
From: ve7sl@shaw.ca
Topic: 6118 Message: 6119

Very cool Eddy & thanks for the link. I found '5CL', Val Copeland..... he was a high school teacher that retired the same year I started teaching, in 1969...I had no idea he had been a teenager ham back at the beginning :-((

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6120. Just stumbled onto this...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-01 19:52:16 UTC
From: Louis Vermond
Topic: 6120 Message: 6120

http://dokufunk.org/upload/nepean_73_0882.pdf?PHPSESSID=66851f169f2035aafa09414bf55db156

6121. Fwd: Fwd: Auction location released

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-02 21:20:53 UTC
From: Jim Robson
Topic: 6121 Message: 6121

AWAGroup friends--if you are in the area of Hamilton, Ontario, June 2nd,
looks like a pretty big radio related auction from an estate, fyi.
Jim/VE3BHK

-------- Original Message --------
Subject: Auction location released
Date: Wed, 2 May 2012 09:34:35 -0700 (PDT)
From: Nelson <nelsonminsvita@...>
To: Jim Robson <nc101x@...>

Hi! to all.
Here is the location of the auction being held on June 2nd
if you have any question please direct the to this email.

nelsonminsvita@...

Thanks for any interest you may have and please pass on the link to friends.
It's time to let this address info out to the public.
I hope you will pass it onto all people interested.

Lorne Fretz VE3FUG
4637 Rainham Road
RR 1 Selkirk Ontario

GPS---- 42.84496
79.86631
If you want to pass that link onto all your contacts
or if you give me their emails I will add them to my mailing list and I
can send out the notices.
Sat. June 2nd at Noon or before if the house hold stuff gets sold first.

1.5 km west of Rainham Centre
21.5 km west of Dunnville
6 km East of Selkirk
61 km south of Hamilton Ontario

It's time to let this address info out to the public.
I hope you will pass it onto all people interested.

http://www.picturetrail.com/uid13456881&pathID=2294837
<http://www.picturetrail.com/uid13456881&pathID=2294837>

I will continue to sort items each weekend and add them to the picture
site right up to the sale date.
Please NO early birds to the site as you will be turned away.

Friday evening June 1st and Sat. AM visiting only.

Once again if you want your email removed from this list please let me know. There will be approx. 3 more update emails before the sale.
Thanks to all.

Visit my online photos on PictureTrail:

http://www.picturetrail.com/uid13456881&pathID=2294837
<http://www.picturetrail.com/uid13456881&pathID=2294837>

Remember to sign my guestbook!

Get your own photo sharing account:
http://www.picturetrail.com

This email was sent to you by member name "skypilot" via the Tell A Friend utility on PictureTrail.com.
If you received this email in error please click on the Contact Us link on http://www.picturetrail.com and copy and paste in the contents of this email.

6122. Re: [AWA Group] Fwd: Fwd: Auction location released

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-02 20:30:19 UTC
From: Eddy Swynar
Topic: 6121 Message: 6122

Hi Jim,

I e-mailed the sponsors at least three times now saying that I can not open the pictures to see ANY of the goodies available...!

I'm hardly anxious to drive that distance "blind", so I'll definitely be a no-show.

BTW, did you manage to open up any of the pix?

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-05-02, at 5:20 PM, Jim Robson wrote:

>
>
>
> AWAGroup friends--if you are in the area of Hamilton, Ontario, June 2nd, looks like a pretty big radio related auction from an estate, fyi. Jim/VE3BHK
>
> -------- Original Message --------
> Subject: Auction location released
> Date: Wed, 2 May 2012 09:34:35 -0700 (PDT)
> From: Nelson <nelsonminsvita@...>
> To: Jim Robson <nc101x@...>
>
> Hi! to all.
> Here is the location of the auction being held on June 2nd
> if you have any question please direct the to this email.
>
> nelsonminsvita@...
>
> Thanks for any interest you may have and please pass on the link to friends.
> It's time to let this address info out to the public.
> I hope you will pass it onto all people interested.
>
> Lorne Fretz VE3FUG
> 4637 Rainham Road
> RR 1 Selkirk Ontario
>
> GPS---- 42.84496
> 79.86631
> If you want to pass that link onto all your contacts
> or if you give me their emails I will add them to my mailing list and I can send out the notices.
> Sat. June 2nd at Noon or before if the house hold stuff gets sold first.

>
> 1.5 km west of Rainham Centre
> 21.5 km west of Dunnville
> 6 km East of Selkirk
> 61 km south of Hamilton Ontario
>
> It's time to let this address info out to the public.
> I hope you will pass it onto all people interested.
>
> http://www.picturetrail.com/uid13456881&pathID=2294837
>
> I will continue to sort items each weekend and add them to the picture site right up to the sale date.
> Please NO early birds to the site as you will be turned away.
>
> Friday evening June 1st and Sat. AM visiting only.
>
> Once again if you want your email removed from this list please let me know. There will be approx. 3 more update emails before the sale.
> Thanks to all.
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>
> Visit my online photos on PictureTrail:
>
> http://www.picturetrail.com/uid13456881&pathID=2294837
>
> Remember to sign my guestbook!
>
>
> Get your own photo sharing account:
> http://www.picturetrail.com
>
>
>
>
>
> This email was sent to you by member name "skypilot" via the Tell A Friend utility on PictureTrail.com.
> If you received this email in error please click on the Contact Us link on http://www.picturetrail.com and copy and paste in the contents of this email.
>
>

6123. Re: [AWA Group] Fwd: Fwd: Auction location released

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-02 21:42:15 UTC
From: Jim Robson
Topic: 6121 Message: 6123

Hi, Eddy--I've been getting a few e-mails for the last few months; I haven't had any trouble opening pix. There is a lot of stuff; there is going to be a _lot_ of people there...that makes me a no-show.

73, Jim/VE3BHL

On 02/05/12 4:30 PM, Eddy Swynar wrote:
>
> */Hi Jim,/*
>
>
> I e-mailed the sponsors at least three times now saying that I can not
> open the pictures to see ANY of the goodies available...!
>
> I'm hardly anxious to drive that distance "blind", so I'll definitely
> be a no-show.
>
> BTW, did you manage to open up any of the pix?
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>
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> **********
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>
> On 2012-05-02, at 5:20 PM, Jim Robson wrote:
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>>
>> AWAGroup friends--if you are in the area of Hamilton, Ontario, June
>> 2nd, looks like a pretty big radio related auction from an estate,

>> fyi. Jim/VE3BHK
>>
>> -------- Original Message --------
>> Subject: Auction location released
>> Date: Wed, 2 May 2012 09:34:35 -0700 (PDT)
>> From: Nelson <nelsonminsvita@...>
>> To: Jim Robson <nc101x@...>
>>
>>
>>
>> Hi! to all.
>> Here is the location of the auction being held on June 2nd
>> if you have any question please direct the to this email.
>>
>> nelsonminsvita@...
>>
>> Thanks for any interest you may have and please pass on the link to
>> friends.
>> It's time to let this address info out to the public.
>> I hope you will pass it onto all people interested.
>>
>> Lorne Fretz VE3FUG
>> 4637 Rainham Road
>> RR 1 Selkirk Ontario
>>
>> GPS---- 42.84496
>> 79.86631
>> If you want to pass that link onto all your contacts
>> or if you give me their emails I will add them to my mailing list and
>> I can send out the notices.
>> Sat. June 2nd at Noon or before if the house hold stuff gets sold first.
>>
>> 1.5 km west of Rainham Centre
>> 21.5 km west of Dunnville
>> 6 km East of Selkirk
>> 61 km south of Hamilton Ontario
>>
>> It's time to let this address info out to the public.
>> I hope you will pass it onto all people interested.
>>
>> http://www.picturetrail.com/uid13456881&pathID=2294837
>> <http://www.picturetrail.com/uid13456881&pathID=2294837>
>>
>> I will continue to sort items each weekend and add them to the
>> picture site right up to the sale date.
>> Please NO early birds to the site as you will be turned away.
>>
>> Friday evening June 1st and Sat. AM visiting only.
>>
>> Once again if you want your email removed from this list please let

>> me know. There will be approx. 3 more update emails before the sale.
>> Thanks to all.
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>> Visit my online photos on PictureTrail:
>>
>> http://www.picturetrail.com/uid13456881&pathID=2294837
>> <http://www.picturetrail.com/uid13456881&pathID=2294837>
>>
>> Remember to sign my guestbook!
>>
>>
>> Get your own photo sharing account:
>> http://www.picturetrail.com <http://www.picturetrail.com/>
>>
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>>
>>
>> This email was sent to you by member name "skypilot" via the Tell A
>> Friend utility on PictureTrail.com <http://PictureTrail.com>.
>> If you received this email in error please click on the Contact Us
>> link on http://www.picturetrail.com <http://www.picturetrail.com/>
>> and copy and paste in the contents of this email.
>>
>
>

6124. Re: [AWA Group] Fwd: Fwd: Auction location released

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-02 21:00:33 UTC
From: Louis Vermond
Topic: 6121 Message: 6124

Stand down Eddy, not that exciting for ham builders/collectors. Lou

----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: 2012-05-02 5:42 PM
Subject: Re: [AWA Group] Fwd: Fwd: Auction location released

Hi, Eddy--I've been getting a few e-mails for the last few months; I haven't had any trouble opening pix. There is a lot of stuff; there is going to be a lot of people there...that makes me a no-show.

73, Jim/VE3BHL

On 02/05/12 4:30 PM, Eddy Swynar wrote:

Hi Jim,

I e-mailed the sponsors at least three times now saying that I can not open the pictures to see ANY of the goodies available...!

I'm hardly anxious to drive that distance "blind", so I'll definitely be a no-show.

BTW, did you manage to open up any of the pix?

~73~ de Eddy VE3CUI - VE3XZ

****

On 2012-05-02, at 5:20 PM, Jim Robson wrote:

AWAGroup friends--if you are in the area of Hamilton, Ontario, June 2nd, looks like a pretty big radio related auction from an estate, fyi. Jim/VE3BHK

-------- Original Message -------- Subject: Auction location released
Date: Wed, 2 May 2012 09:34:35 -0700 (PDT)
From: Nelson <nelsonminsvita@...>
To: Jim Robson <nc101x@...>

Hi! to all.
Here is the location of the auction being held on June 2nd
if you have any question please direct the to this email.

nelsonminsvita@...

Thanks for any interest you may have and please pass on the link to friends.
It's time to let this address info out to the public.
I hope you will pass it onto all people interested.

Lorne Fretz VE3FUG
4637 Rainham Road
RR 1 Selkirk Ontario

GPS---- 42.84496
79.86631
If you want to pass that link onto all your contacts
or if you give me their emails I will add them to my mailing list and I can send out the notices.
Sat. June 2nd at Noon or before if the house hold stuff gets sold first.

1.5 km west of Rainham Centre
21.5 km west of Dunnville
6 km East of Selkirk
61 km south of Hamilton Ontario

It's time to let this address info out to the public.
I hope you will pass it onto all people interested.

http://www.picturetrail.com/uid13456881&pathID=2294837

I will continue to sort items each weekend and add them to the picture site right up to the sale date.
Please NO early birds to the site as you will be turned away.

Friday evening June 1st and Sat. AM visiting only.

Once again if you want your email removed from this list please let me know. There will be approx. 3 more update emails before the sale.
Thanks to all.

Visit my online photos on PictureTrail:

http://www.picturetrail.com/uid13456881&pathID=2294837

Remember to sign my guestbook!

Get your own photo sharing account:
http://www.picturetrail.com

This email was sent to you by member name "skypilot" via the Tell A Friend utility on PictureTrail.com.
If you received this email in error please click on the Contact Us link on http://www.picturetrail.com and copy and paste in the contents of this email.

6125. Re: [AWA Group] Fwd: Fwd: Auction location released

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-03 12:05:31 UTC
From: Eddy Swynar
Topic: 6121 Message: 6125

On 2012-05-02, at 5:42 PM, Jim Robson wrote:

> Hi, Eddy--I've been getting a few e-mails for the last few months; I haven't had any trouble opening pix. There is a lot of stuff; there is going to be a lot of people there...that makes me a no-show.
>

Hi Guys,

Do NOT, under ANY circumstances, EVER replace your Microsoft / Windows computer system with an iMac Apple---unless, of course, you really & truly KNOW your way around computers, & have deep pockets...

I do not, and could care less for Steve Job's so-called "...advanced, intuitive designs". I made the fatal mistake of getting this thing a year ago, paying a premium for the "privilege", and since then have been left to feel like the guy 30 years ago walking out of the "Beta Barn" with thousands of dollars worth of hardware & tapes, just as VHS was about to take over...

~73~ de Eddy VE3CUI - VE3XZ

6126. AWA Spring Meet Report

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-06 14:56:13 UTC
From: Eddy Swynar
Topic: 6126 Message: 6126

Hi Guys,

Well, the XYL & I are back after spending Friday night in Victor, N.Y., & Saturday morning in Bloomfield, at the AWA Spring Meet...

The venue was held at the old site that has the former annex & Legion Hall on the property. It was a nice trip back to happy days of yore...

Not too much in the way of goodies though, I'm sad to say: I thought the tailgaters' prices were rather high (I mean twenty bucks for 19 mixed issues of CQ magazine from the 40's...?!), and the auction had little that interested me beyond a Vibrokeyer...

Still, the Kreuzers' presentation on the early days of the Marconi Co. was most interesting & well done.

I ended-up just paying for another year's renewal of my membership to AWA, & nothing more (sigh!)...but I'll most likely be back again in 2013. Go figure! Hi Hi

~73~ de Eddy VE3CUI - VDE3XZ

6127. This is for Lou -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-06 15:07:09 UTC
From: Mike Feher
Topic: 6127 Message: 6127

http://www.ebay.com/itm/BRASS-MORSE-CODE-TELEGRAPH-KEY-MADE-BY-VE3AWA-/150808520116?pt=LH_DefaultDomain_0
<http://www.ebay.com/itm/BRASS-MORSE-CODE-TELEGRAPH-KEY-MADE-BY-VE3AWA-/150808520116?pt=LH_DefaultDomain_0&hash=item231ce365b4> &hash=item231ce365b4

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

6128. Re: [AWA Group] This is for Lou -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-06 15:08:49 UTC
From: Louis Vermond
Topic: 6127 Message: 6128

Kind of spooky...

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2012-05-06 11:07 AM
Subject: [AWA Group] This is for Lou -

http://www.ebay.com/itm/BRASS-MORSE-CODE-TELEGRAPH-KEY-MADE-BY-VE3AWA-/150808520116?pt=LH_DefaultDomain_0&hash=item231ce365b4

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

6129. Re: [AWA Group] This is for Lou -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-06 15:29:03 UTC
From: Eddy Swynar
Topic: 6127 Message: 6129

On 2012-05-06, at 11:07 AM, Mike Feher wrote:

>
> http://www.ebay.com/itm/BRASS-MORSE-CODE-TELEGRAPH-KEY-MADE-BY-VE3AWA-/150808520116?pt=LH_DefaultDomain_0&hash=item231ce365b4
>
>
>

Hi Lou,

You gonna bid on it...?

~73~ de Eddy VE3CUI - VE3XZ
>

6130. Re: [AWA Group] This is for Lou -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-06 15:30:57 UTC
From: Louis Vermond
Topic: 6127 Message: 6130

No Eddy. Go for it!

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-05-06 11:29 AM
Subject: Re: [AWA Group] This is for Lou -

On 2012-05-06, at 11:07 AM, Mike Feher wrote:

http://www.ebay.com/itm/BRASS-MORSE-CODE-TELEGRAPH-KEY-MADE-BY-VE3AWA-/150808520116?pt=LH_DefaultDomain_0&hash=item231ce365b4

Hi Lou,

You gonna bid on it...?

~73~ de Eddy VE3CUI - VE3XZ

6131. Re: [AWA Group] This is for Lou -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-07 18:26:05 UTC
From: N1BUG
Topic: 6127 Message: 6131

C'mon Lou, what's the deal? Did you build it, or did someone else hold the AWA call before you? I can't stand the suspense!

Bugsy

On 05/06/2012 11:08 AM, Louis Vermond wrote:

Kind of spooky...

----- Original Message -----

From: Mike Feher

To: AWAGroup@yahoogroups.com

Sent: 2012-05-06 11:07 AM

Subject: [AWA Group] This is for Lou -

http://www.ebay.com/itm/BRASS-MORSE-CODE-TELEGRAPH-KEY-MADE-BY-VE3AWA-/150808520116?pt=LH_DefaultDomain_0&hash=item231ce365b4

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

6132. Re: [AWA Group] This is for Lou -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-07 18:43:42 UTC
From: Louis Vermond
Topic: 6127 Message: 6132

Another guy, Bugs. John died about 5 yrs ago I believe. Was a well known key maker. 73, Lou

----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: 2012-05-07 2:26 PM
Subject: Re: [AWA Group] This is for Lou -

C'mon Lou, what's the deal? Did you build it, or did someone else hold the AWA call before you? I can't stand the suspense!

Bugsy

On 05/06/2012 11:08 AM, Louis Vermond wrote:

Kind of spooky...

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2012-05-06 11:07 AM
Subject: [AWA Group] This is for Lou -

http://www.ebay.com/itm/BRASS-MORSE-CODE-TELEGRAPH-KEY-MADE-BY-VE3AWA-/150808520116?pt=LH_DefaultDomain_0&hash=item231ce365b4

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

6133. Re: [AWA Group] This is for Lou -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-07 18:54:07 UTC
From: N1BUG
Topic: 6127 Message: 6133

Thanks Lou.

Bugsy

On 05/07/2012 02:43 PM, Louis Vermond wrote:

Another guy, Bugs. John died about 5 yrs ago I believe. Was a well known key maker. 73, Lou

----- Original Message -----

From: N1BUG

To: AWAGroup@yahoogroups.com

Sent: 2012-05-07 2:26 PM

Subject: Re: [AWA Group] This is for Lou -

C'mon Lou, what's the deal? Did you build it, or did someone else hold the AWA call before you? I can't stand the suspense!

Bugsy

On 05/06/2012 11:08 AM, Louis Vermond wrote:

Kind of spooky...

----- Original Message -----

From: Mike Feher

To: AWAGroup@yahoogroups.com

Sent: 2012-05-06 11:07 AM

Subject: [AWA Group] This is for Lou -

http://www.ebay.com/itm/BRASS-MORSE-CODE-TELEGRAPH-KEY-MADE-BY-VE3AWA-/150808520116?pt=LH_DefaultDomain_0&hash=item231ce365b4

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

6134. Name?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-17 13:03:22 UTC
From: Louis Vermond
Topic: 6134 Message: 6134
Attachments: 4 described; binary payloads are missing from this source WARC

G3NDI wants to know the manufacturer of this switch. Anyone know? He bought it in Canada in '67. Tks, Lou

6135. Re: [AWA Group] Name?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-17 13:21:14 UTC
From: Eddy Swynar
Topic: 6134 Message: 6135

Hi Lou,

It sure does look like something made by CENTRALAB back in the day...

They manufactured a lot of heavy-duty rotary ceramic switches---and still do, as far as I know.

~73~ de Eddy VE3CUI - VE3XZ

On 2012-05-17, at 9:03 AM, Louis Vermond wrote:

>
> G3NDI wants to know the manufacturer of this switch. Anyone know? He bought it in Canada in '67. Tks, Lou
>
>
>
>
>
>
>

6136. Re: [AWA Group] Name?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-17 16:41:25 UTC
From: ve7sl@shaw.ca
Topic: 6134 Message: 6136

It looks like something that I have seen in some military antenna tuning units...can't recall the model number but there were a lot of them around Vancouver when I was a teen....saying that however, the logo looks suspiciously like a large S surrounding a T...which may be Spilsbury-Tindall, a local manufacturer of mostly low powered marine radios back in the day. I don't recall seeing any high-powered stuff from them but that doesn't mean they didn't make some.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6137. FYI..... PARASET and Whaddon MKIII, the "Tinker Box".

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-17 16:42:52 UTC
From: Louis Vermond
Topic: 6137 Message: 6137
Attachments: 1 described; binary payloads are missing from this source WARC

dear Louis,
if possible ,would You pse QSP this following message to the AWA Forum?
so making a bit advertisement for our "French copains of the resistance " !
thanks a lot

73 to all Jos
on6wj@...

Days of memory in Châteauneuf-la-Forêt

Châteauneuf-la-Forêt (Newcastle-in-forest HAR!) is a city of 1600 inhabitants situated 35 Km South-East of Limoges, in Haute-Vienne département (87). During WWII it was a hot place for Limousine's Resistance, passive since 1940 and then armed, Georges Guingouin being the chief. "Maquisards" (partisans) found a good shelter in the large forests covering hills all around the city and had the benefit of people's complicity and help. The city was also remarkable in greeting Jews coming from Alsace (an annexed territory) then in hiding them after Nazi's invasion of "No occupied zone" in November 1942, limiting as possible the success of raids organized by French Milice and SS. (There were TWO concentration camps in Haute-Vienne!)

Individually first, then in collaboration with Résistants, many SOE agents were dropped in Haute-Vienne (I counted 12 drops, one half made around Châteauneuf-la-Forêt, "Orange" DZ) particularly after Overlord days.

One part of their mission was to contact London by radio. To evocate this especially dangerous job, we shall make Morse transmissions with copies of PARASET and Whaddon MKIII, the "Tinker Box".

- Wednesday, May 23 from 13 to 16 (Z) in Maison Jeanne Limousin, in Châteauneuf;

- Sunday, May 27from 13 to 16 (Z) in the woods from a Maquis' camp and cache (hiding place) in "La Croix Chevaux" (Horses Cross). It is sometimes called "Trois Chevaux" (Three horses) because French "trois" and "croix" have about the same pronunciation.

French Telegraphists Union (UFT) authorized us to use the call F8UFT from 23 to 27 of May 2012.

QRG : 7032 and in case of necessity 7025, 7006.6, 7010, 7040 KHz)

Best regards, hope making QSO!

Alain CAUPENE (F5RUJ) and Gilbert BENOT (F5AUZ)

P.S. : If possible we shall give a date for transmissions during "European evening" (from 19 Z to...) to attemp making QSO with American stations (I made QSO with East coast a lot of times with 5W output during ARRL DX contest. Every time I sent "599 5" stations answered "5K?" So I had to send "599 005" HAR!) F5RUJ

6138. Re: [AWA Group] Name?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-17 16:46:33 UTC
From: Louis Vermond
Topic: 6134 Message: 6138

Thank you, Eddy & Steve. Any more ideas out there? Lou

It looks like something that I have seen in some military antenna tuning units...can't recall the model number but there were a lot of them around Vancouver when I was a teen....saying that however, the logo looks suspiciously like a large S surrounding a T...which may be Spilsbury-Tindall, a local manufacturer of mostly low powered marine radios back in the day. I don't recall seeing any high-powered stuff from them but that doesn't mean they didn't make some.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

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Yahoo! Groups Links

6139. Re: [AWA Group] Name?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-17 16:54:45 UTC
From: Eddy Swynar
Topic: 6134 Message: 6139

On 2012-05-17, at 12:46 PM, Louis Vermond wrote:

>
> Thank you, Eddy & Steve. Any more ideas out there? Lou
> _,_._,___
>

"Johnny" and "Billy" CANUCK to the rescue...!!!

What say you American bros...? Where fore art thou...?!

~73~ de Eddy VE3CUI - VE3XZ

6140. This Is Rare...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-17 21:47:38 UTC
From: Eddy Swynar
Topic: 6140 Message: 6140

Hi Guys,

Here's a jug not very often seen---not even on eBay: 110879749337

~73~ de Eddy VE3CUI - VE3XZ

6141. Re: [AWA Group] Name?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-18 11:02:26 UTC
From: ne1s@securespeed.us
Topic: 6134 Message: 6141

```
>
> What say you American bros...? Where fore art thou...?!
>

I'm here. I have no clue who made it, or when, but those details are not
of particular interest to me. What is relevant is that it's a beautiful
switch, and should be put to good use :-)

73,
-Larry/NE1S
```

6142. Re: [AWA Group] Name?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-18 11:18:04 UTC
From: Eddy Swynar
Topic: 6134 Message: 6142

On 2012-05-18, at 7:02 AM, ne1s@... wrote:

>
> I'm here. I have no clue who made it, or when, but those details are not
> of particular interest to me. What is relevant is that it's a beautiful
> switch, and should be put to good use :-)
>
>

Well said, Larry! I agree 101%...

~73~ de Eddy VE3CUI - VE3XZ

6143. Re: Roger Kuchera

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-25 22:57:05 UTC
From: ve7sl@shaw.ca
Topic: 6143 Message: 6143

Roger is a member of the list but his computer appears to have been compromised and is sending spam messages to all those in his e-mail address book, including the AWA Group list. If you receive a message from Roger, do not click on any of the links. I have sent Roger a notifiaction as well as disabling his ability to post to the group until the situation has been corrected.

Steve - VE7SL / 73

6144. marconist for 1 day !!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-27 16:31:37 UTC
From: Louis Vermond
Topic: 6144 Message: 6144
Attachments: 12 described; binary payloads are missing from this source WARC

Ostend...May 25th, 2012
deep blue sky & outside temps : + 27°C !!

inside view of the "Mercator's" radioroom ...

500KHz transmitter

SAIT-RAK7 15KHz to 600KHz regenative receiver

another (unknown) receiver

Antenna (feeder) switch

QRV with Special event call ON500MERCATOR
Ant: G5RV
rigs:
TS440
FT897
ps: could not use Bencher paddle as no adaptor "1/4 to 3mm Jack " on board ,so only
straight keys: Vibroplex + WT-8AMP (WW2)

pic
ON6WJ = a (very happy) "Marconist" for 1 day !!!

Ronny,ON5CR
(logs or....key-boards manager hi!)

thanks for looking
73
Jos

6145. Re: [AWA Group] marconist for 1 day !!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-27 18:21:31 UTC
From: Leonard Meek
Topic: 6144 Message: 6145

Great pics. Very interesting.

6146. Re: [AWA Group] marconist for 1 day !!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-27 18:35:27 UTC
From: ve7sl@shaw.ca
Topic: 6144 Message: 6146

Parts!

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6147. GR sockets can't stand the gaff?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-29 17:04:31 UTC
From: Jon AB9ZG
Topic: 6147 Message: 6147

Recently I observed an increasingly severe frequency drift and a rotten note when plate voltage was supplied to the PA stage of my MOPA transmitter. I eventually traced the problem to the PA tube socket, a General Radio 349. Bulging of the bakelite is visible between the grid and plate pins on the top, as well as between the plate and a filament pin on the underside. The plate voltage applied to the 210 is only 600 volts. Any opinions on whether this socket was just a dud or if this type of socket won't hold up in transmitter service?

6148. RE: [AWA Group] GR sockets can't stand the gaff?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-29 17:31:25 UTC
From: Mike Feher
Topic: 6147 Message: 6148

Unfortunately, this problem is not unique to GR. I have seen lots of sockets over the years exhibiting the same phenomenon. It is obviously a problem with the material, and, remember, 99% of the sockets were intended for receiver or low power use. Did you measure the temperature of your 210 base? One of those infrared thermometers would be ideal. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Jon AB9ZG
Sent: Tuesday, May 29, 2012 1:05 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] GR sockets can't stand the gaff?

Recently I observed an increasingly severe frequency drift and a rotten note when plate voltage was supplied to the PA stage of my MOPA transmitter. I eventually traced the problem to the PA tube socket, a General Radio 349. Bulging of the bakelite is visible between the grid and plate pins on the top, as well as between the plate and a filament pin on the underside. The plate voltage applied to the 210 is only 600 volts. Any opinions on whether this socket was just a dud or if this type of socket won't hold up in transmitter service?

<https://lh6.googleusercontent.com/-LLC6VqIghLI/T8UAVBWwrUI/AAAAAAAABAA/a6TxeFwF78Y/s800/DSCN1327.JPG>

6149. Seiko Digital Travel Clock

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-29 23:24:24 UTC
From: Eddy Swynar
Topic: 6149 Message: 6149
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys,

Does anyone reading this have one of these little jewels...?

I received mine some 25+ years ago, & use it exclusively whenever I might take my station portable---but the battery in it died this week...

So I got a new one, but for the life of me I have no idea how to set the time on it---and the manual (which is here, somewhere) is presently AWOL...

Anyone have any experience in such things...? I'm afraid that "digital" and "VE3CUI" mix together about as well as oil & water do...

~73!~ de Eddy VE3CUI - VE3XZ

6150. Re: [AWA Group] Seiko Digital Travel Clock

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-29 23:35:39 UTC
From: Leonard Meek
Topic: 6149 Message: 6150
Attachments: 1 described; binary payloads are missing from this source WARC

Have you tried Googling it? I've found manuals for digital cameras and cell phones that way. You might find something about your clock. I'm sure others have had similar problems> It would help to know the model #.

Leonard
----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: Tuesday, May 29, 2012 1:24 PM
Subject: [AWA Group] Seiko Digital Travel Clock

Hi Guys,

Does anyone reading this have one of these little jewels...?

I received mine some 25+ years ago, & use it exclusively whenever I might take my station portable---but the battery in it died this week...

So I got a new one, but for the life of me I have no idea how to set the time on it---and the manual (which is here, somewhere) is presently AWOL...

Anyone have any experience in such things...? I'm afraid that "digital" and "VE3CUI" mix together about as well as oil & water do...

~73!~ de Eddy VE3CUI - VE3XZ

6151. Re: [AWA Group] Seiko Digital Travel Clock

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-30 11:41:28 UTC
From: Eddy Swynar
Topic: 6149 Message: 6151

On 2012-05-29, at 7:35 PM, Leonard Meek wrote:

>
> Have you tried Googling it? I've found manuals for digital cameras and cell phones that way. You might find something about your clock. I'm sure others have had similar problems> It would help to know the model #.
>

Hi Leonard,

That's the very first thing I did, believe me...but I guess the age of the clock has placed limits on there being anything out there (I received it, gosh some 27 years ago, or so...?)...

I believe it was the first of its kind by Seiko...

~73~ de Eddy VE3CUI - VE3XZ

6152. RE: [AWA Group] GR sockets can't stand the gaff?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-30 15:27:22 UTC
From: ne1s@securespeed.us
Topic: 6147 Message: 6152

> Unfortunately, this problem is not unique to GR. I have seen lots of
> sockets
> over the years exhibiting the same phenomenon. It is obviously a problem
> with the material, and, remember, 99% of the sockets were intended for
> receiver or low power use. Did you measure the temperature of your 210
> base?
> One of those infrared thermometers would be ideal. 73 - Mike

Adding to what Mike said:

As I understand it, the problem is directly related to the use of materials in the bakelite that are lossy at RF frequencies - most notably, the use of wood flour as a filler, which is also hyroscopic (adsorbs water). Cellulose and water are both lossy at high frequencies - that's why water gets hot in your microwave oven. This is also why bakelite and other primitive plastics were quickly replaced with isolantite or Micanol (which replaced the wood flour with mica as the filler) for high-frequency use.

There was a common practice of cutting a slot in the phenolic base of a 210 between the grid and plate pins with a hacksaw to reduce the effect.

73,
-Larry/NE1S

6153. RE: [AWA Group] GR sockets can't stand the gaff?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-30 15:44:20 UTC
From: Mike Feher
Topic: 6147 Message: 6153

Good points Larry and all true. Interestingly enough, all microwavers know that ice will not melt in a microwave oven. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ne1s@...
Sent: Wednesday, May 30, 2012 11:27 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] GR sockets can't stand the gaff?

> Unfortunately, this problem is not unique to GR. I have seen lots of
> sockets
> over the years exhibiting the same phenomenon. It is obviously a problem
> with the material, and, remember, 99% of the sockets were intended for
> receiver or low power use. Did you measure the temperature of your 210
> base?
> One of those infrared thermometers would be ideal. 73 - Mike

Adding to what Mike said:

As I understand it, the problem is directly related to the use of materials in the bakelite that are lossy at RF frequencies - most notably, the use of wood flour as a filler, which is also hyroscopic (adsorbs water). Cellulose and water are both lossy at high frequencies - that's why water gets hot in your microwave oven. This is also why bakelite and other primitive plastics were quickly replaced with isolantite or Micanol (which replaced the wood flour with mica as the filler) for high-frequency use.

There was a common practice of cutting a slot in the phenolic base of a 210 between the grid and plate pins with a hacksaw to reduce the effect.

73,
-Larry/NE1S

6154. Re: [AWA Group] Seiko Digital Travel Clock

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-30 17:30:39 UTC
From: Leonard Meek
Topic: 6149 Message: 6154

How about contacting Seiko or a Seiko rep directly. I have a Wavetek sweep generator that I needed a manual for. When I couldn't find one I contacted Wavetek directly and they printed one for me. It was $45 but in this case it was worth it. I haven't been so lucky with Hickok though. I have a Hickok multimeter that I would like to restore but they say all their old records have been destroyed.

Leonard

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: Wednesday, May 30, 2012 1:41 AM
Subject: Re: [AWA Group] Seiko Digital Travel Clock

On 2012-05-29, at 7:35 PM, Leonard Meek wrote:

Have you tried Googling it? I've found manuals for digital cameras and cell phones that way. You might find something about your clock. I'm sure others have had similar problems> It would help to know the model #.

Hi Leonard,

That's the very first thing I did, believe me...but I guess the age of the clock has placed limits on there being anything out there (I received it, gosh some 27 years ago, or so...?)...

I believe it was the first of its kind by Seiko...

~73~ de Eddy VE3CUI - VE3XZ

6155. Re: [AWA Group] GR sockets can't stand the gaff?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-30 17:48:07 UTC
From: Leonard Meek
Topic: 6147 Message: 6155

Another problem with some insulation, especially in DC equipment, is carbon trails between terminals. Moisture, dust, dirt, or other stuff that can conduct any current, etches a path between high voltage terminals. When the material has cooked sufficiently to carbonize, the conduction increases, also carbonizing the equipment insulating material. It's like an avalanche, and eventually becomes a short circuit. This problem showed up a lot on the old DC motor controllers I used to work on. Old ships with electric deck machinery were especially prone to problems like this.

> Adding to what Mike said:
>
> As I understand it, the problem is directly related to the use of
> materials in the bakelite that are lossy at RF frequencies - most notably,
> the use of wood flour as a filler, which is also hyroscopic (adsorbs
> water). Cellulose and water are both lossy at high frequencies - that's
> why water gets hot in your microwave oven. This is also why bakelite and
> other primitive plastics were quickly replaced with isolantite or Micanol
> (which replaced the wood flour with mica as the filler) for high-frequency
> use.
>
> There was a common practice of cutting a slot in the phenolic base of a
> 210 between the grid and plate pins with a hacksaw to reduce the effect.
>
> 73,
> -Larry/NE1S
>
>
>
> ---
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> Yahoo! Groups Links
>
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>
>

6156. Re: GR sockets can't stand the gaff?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-05-30 22:39:50 UTC
From: Jon AB9ZG
Topic: 6147 Message: 6156

Thanks for the info.

Unfortunately I don't have an infrared thermometer but I'm not running the 210 over max plate dissipation so the base doesn't feel very hot.

I cut an "X" across the socket top which will do until another socket turns up.

6157. WRL Globetrotter/McElroy MT-35

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-02 21:19:53 UTC
From: Jim Robson
Topic: 6157 Message: 6157
Attachments: 1 described; binary payloads are missing from this source WARC

AWAGroup friends--I purchased a McElroy MT-35 some time ago and am inching towards it's restoration. A few items are a bit beyond me. Someone has attempted to modify it for variable tuning; consequently, the original plug in coil sets are missing. The MT-35 went on to be the WRL Globetrotter. Would a member of the group have a working knowledge of either (?) and be interested in assisting with the missing coils? Many thanks in advance. 73, Jim, VA3AWA/VE3BHK

6158. Linear amplifier progress

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-02 22:16:34 UTC
From: Jon AB9ZG
Topic: 6158 Message: 6158

Most of the parts for the UV-861 linear have been found. The circuit to be used is the April '29 QST linear modified for the 861 instead of the 852. The initial prototype will have the components mounted on a vertical breadboard but the final product might be constructed in the frame and panel style instead due to the possibility of painful burns with open construction.

Jan 1930 QST ad. Tube kinda pricey.

6159. Test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-02 23:02:12 UTC
From: Louis Vermond
Topic: 7 Message: 6159

[Body unavailable in the source archive]

6160. Re: [AWA Group] Test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-03 00:01:12 UTC
From: Jim Robson
Topic: 7 Message: 6160

QSL

On 02/06/12 7:02 PM, Louis Vermond wrote:
>
>

6161. Re: [AWA Group] Linear amplifier progress

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-03 01:19:39 UTC
From: ve7sl@shaw.ca
Topic: 6158 Message: 6161

Now that's a project Jon! Very nice. Will your final version place the inductors behind the panel as well as the tubes? I don't think the see-thru glass window or screened window was established back in '29 but that might be interesting and a lot safer.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6162. Re: [AWA Group] Linear amplifier progress

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-03 02:37:24 UTC
From: Jon AB9ZG
Topic: 6158 Message: 6162

I came to the same conclusion about windows so I'll probably use gaps in the panel to view the tubes. The inductors would be behind the panel but the sides will have to stay open so the antenna links can be adjusted - I was unable to find any examples of front panel swinging link controls in that era.
Below are some examples of 861 transmitters from QST:

6163. Re: [AWA Group] Linear amplifier progress

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-03 12:50:17 UTC
From: Eddy Swynar
Topic: 6158 Message: 6163

Hi Jon,

You are VERY fortunate, indeed, to have located & acquired TWO of those classic jugs, let alone just one!

I think I may have told you before that I had a working 861 in my hot little hands here but for some 60 seconds, or so---and then the filament burnt out! Any others that I saw on eBay all sold for three figures---more than what I wanted to pay.

None of my business, surely, but if I were you, I think I'd take some serious precautions with covering-up those points of high-voltage, for benefit of my own protection. Those rascals thrived on some pretty big B+ potential that is VERY unforgiving of wayward pinkies that might accidentally come into contact with it...

Ambiance is one thing, but being around to enjoy the fruits of one's labour is quite another! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

On 2012-06-02, at 6:16 PM, Jon AB9ZG wrote:

> Most of the parts for the UV-861 linear have been found. The circuit to be used is the April '29 QST linear modified for the 861 instead of the 852. The initial prototype will have the components mounted on a vertical breadboard but the final product might be constructed in the frame and panel style instead due to the possibility of painful burns with open construction.
>
>
> Jan 1930 QST ad. Tube kinda pricey.
>

6164. interest 1926 DEC QST

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-08 11:34:43 UTC
From: barry whittemore
Topic: 6164 Message: 6164

I have a 1926 Dec edition that appears complete except the back cover.
It is in good condition for age.
It has some very interesting stuff in it but i do not collect them so i am seeing if there is anyone that needs this issue for there collection.
i can send pics if anyone interested.
$10 shipped USA
Barry
NF1O

6165. History Of Car Radios

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-15 19:11:55 UTC
From: cwopr@embarqmail.com
Topic: 6165 Message: 6165

Just passing this along, courtesy of Chuck Brydges, W4WXZ via the QCWA (Chapter 126) email list...thought it was interesting info.
73 de Bill K4JYS

From Chuck Brydges, W4WXZ, an interesting read

A Neat History Lesson

Sometimes it is fun to find out how some of the many things that we take for granted actually came into being!

The last paragraph....may surprise you...Seems like cars have always had radios, but they didn't. Here's the true story:

SUNSET
One evening, in 1929, two young men named William Lear and Elmer Wavering drove their girlfriends to a lookout point above the Mississippi River town of Quincy, Illinois, to watch the sunset. It was a romantic night to be sure, but one of the women observed that it would be even nicer if they could listen to music in the car.

Lear and Wavering liked the idea. Both men had tinkered with radios (Lear had served as a radio operator in the U.S. Navy during World War I) and it wasn't long before they were taking apart a home radio and trying to get it to work in a car. But it wasn't as easy as it sounds: automobiles have ignition switches, generators, spark plugs, and other electrical equipment that generate noisy static interference, making it nearly impossible to listen to the radio when the engine was running.

SIGNING ON
One by one, Lear and Wavering identified and eliminated each source of electrical interference. When they finally got their radio to work, they took it to a radio convention in Chicago . There they met Paul Galvin, owner of Galvin Manufacturing Corporation. He made a product called a "battery eliminator" a device that allowed battery-powered radios to run on household AC current. But as more homes were wired for electricity, more radio manufacturers made AC-powered radios. Galvin needed a new product to manufacture. When he met Lear and Wavering at the radio convention, he found it. He believed that mass-produced, affordable car radios had the potential to become a huge business.

GETTING STARTED
Lear and Wavering set up shop in Galvin's factory, and when they perfected their first radio, they installed it in his Studebaker. Then Galvin went to a local banker to apply for a loan. Thinking it might sweeten the deal, he had his men install a radio in the banker's Packard. Good idea, but it didn't work -- Half an hour after the installation, the banker's Packard caught on fire. (They didn't get the loan.) Galvin didn't give up. He drove his Studebaker nearly 800 miles to Atlantic City to show off the radio at the 1930 Radio Manufacturers Association convention. Too broke to afford a booth, he parked the car outside the convention hall and cranked up the radio so that passing conventioneers could

hear it. That idea worked -- He got enough orders to put the radio into production.

WHAT'S IN A NAME
That first production model was called the 5T71. Galvin decided he needed to come up with something a little catchier. In those days many companies in the phonograph and radio businesses used the suffix "ola" for their names -- Radiola, Columbiola, and Victrola were three of the biggest. Galvin decided to do the same thing, and since his radio was intended for use in a motor vehicle, he decided to call it the Motorola.

But even with the name change, the radio still had problems:
When Motorola went on sale in 1930, it cost about $110 uninstalled, at a time when you could buy a brand-new car for $650, and the country was sliding into the Great Depression. (By that measure, a radio for a new car would cost about $3,000 today.) In 1930 it took two men several days to put in a car radio -- The dashboard had to be taken apart so that the receiver and a single speaker could be installed, and the ceiling had to be cut open to install the antenna. These early radios ran on their own batteries, not on the car battery, so holes had to be cut into the floorboard to accommodate them. The installation manual had eight complete diagrams and 28 pages of instructions.

HIT THE ROAD JACK.....
Selling complicated car radios that cost 20 percent of the price of a brand-new car wouldn't have been easy in the best of times, let alone during the Great Depression -- Galvin lost money in 1930 and struggled for a couple of years after that. But things picked up in 1933 when Ford began offering Motorola's pre-installed at the factory. In 1934 they got another boost when Galvin struck a deal with B.F. Goodrich tire company to sell and install them in its chain of tire stores.

By then the price of the radio, installation included, had dropped to $55. The Motorola car radio was off and running. (The name of the company would be officially changed from Galvin Manufacturing to "Motorola" in 1947.) In the meantime, Galvin continued to develop new uses for car radios. In 1936, the same year that it introduced push-button tuning, it also introduced the Motorola Police Cruiser, a standard car radio that was factory preset to a single frequency to pick up police broadcasts. In 1940 he developed with the first handheld two-way radio -- The Handie-Talkie -- for the U. S. Army.

A lot of the communications technologies that we take for granted today were born in Motorola labs in the years that followed World War II. In 1947 they came out with the first television to sell under $200. In 1956 the company introduced the world's first pager; in 1969 it supplied the radio and television equipment that was used to televise Neil Armstrong's first steps on the Moon. In 1973 it invented the world's first handheld cellular phone. Today Motorola is one of the largest cell phone manufacturer in the world -- And it all started with the car radio.

WHATEVER HAPPENED TO THEM?
The two men who installed the first radio in Paul Galvin's car, Elmer Wavering and William Lear, ended up taking very different paths in life. Wavering stayed with Motorola. In the 1950's he helped change the automobile experience again when he developed the first automotive alternator, replacing inefficient and unreliable generators. The invention lead to such luxuries as power windows, power seats, and, eventually, air-conditioning.

Lear also continued inventing. He holds more than 150 patents. Remember eight-track tape players? Lear invented that. But what he's really famous for are his contributions to the field of aviation. He invented radio direction finders for planes, aided in the invention

of the autopilot, designed the first fully automatic aircraft landing system, and in 1963 introduced his most famous invention of all, the Lear Jet, the world's first mass-produced, affordable business jet.
(Not bad for a guy who dropped out of school after the eighth grade.)

6166. Type '10 Tube in 1924

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-15 21:40:47 UTC
From: cwopr@embarqmail.com
Topic: 6166 Message: 6166

I got to thinking a bit ago about the possibility of using a type '10 of some kind in my 4 coil Meissner. At the present I'm using a C-301A, which I beleive to be historically correct for the circuit I am using (from Jul 1924 QST). I found on the Radiomuseum tube page that RCA produced a UV-210 in 1924. The site gives the following info:

UV210
First year 1924 Saga of the Vacuumtube, Tyne page 316, 317, 326

Filament Vf 7.5 Volts / If: 1.25 Ampere
Description Initially being developed (start 1922) and employed as an output stage tube for loudspeaker operation(1924/25), it was also used in transmitting service by the Navy (1924 beginning), because of its long life of about 15,000 hours.
Power output 1.5 Watts.

It would appear, from the above info, that a type '10 would be historically correct if used in a 1924 circuit and 'legal' for AWA event use. Any comments would be appreciated.
Thanks....
73 de Bill K4JYS

6167. Re: Type '10 Tube in 1924

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-16 14:04:02 UTC
From: Jon AB9ZG
Topic: 6166 Message: 6167

Though the UV-210 may have been available to the Navy, I couldn't find any indication that it was used by amateurs.

When the UX-210 was first shown in th Oct. 1925 QST, no reference was made to the UV-210. Instead, it was treated as a new tube and was compared to the UV-202.

6168. Further the UV-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-16 18:54:19 UTC
From: Louis Vermond
Topic: 6168 Message: 6168
Attachments: 2 described; binary payloads are missing from this source WARC

Though the UV-210 may have been available to the Navy, I couldn't find any indication that it was used by amateurs.

When the UX-210 was first shown in th Oct. 1925 QST, no reference was made to the UV-210. Instead, it was treated as a new tube and was compared to the UV-202. Jon

I assume the earliest...
http://www.bill01a.com/tubephotos/ge-uv210.htm

Early 1925

6169. Lou's TPTG.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-16 19:33:35 UTC
From: Louis Vermond
Topic: 6169 Message: 6169
Attachments: 1 described; binary payloads are missing from this source WARC

Saw the AWA group pic [http://groups.yahoo.com/group/AWAGroup/?yguid=362240983] and what appeared to be the beloved TPTG slats stripped down.

In light of our recent ladderline/dipole discussions and SL’s tuner suggestion, what in the world will emerge from your basement this weekend?

KK7UV

(scroll down)

6170. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-17 09:04:47 UTC
From: Louis Vermond
Topic: 130 Message: 6170

1933 "How To Become a Amateur Radio Operator" Telegraph Instruction Manual Book
http://www.ebay.com/itm/1933-How-To-Become-a-Amateur-Radio-Operator-Telegraph-Instruction-Manual-Book-/251086958559?pt=US_Manuals_Magazines&hash=item3a75f2efdf

See sellers Other nifty stuff...

6171. Re: Type '10 Tube in 1924

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-17 22:47:16 UTC
From: cwopr@embarqmail.com
Topic: 6168 Message: 6171

Hi Jon and Lou,

Thanks for your comments. I, too, in browsing thru my old QSTs, have not found any ref. to a '10 tube being used by hams in 1924...but I may have missed something. As previously noted, there was some commercial and Navy use of the UV-210 in 1924. I found one other ref. to a UV-210 being used in BC service: On the Bay Area Radio Museum site, an article from Mar 1924 Radio Magazine states about Pacific Coast Station KGO that "All the first stage amplifiers are resistance coupled and use UV-202A or UV-210 tubes with a plate voltage potential of 350 to 400 volts. The filaments of all the amplifiers are heated from batteries in the battery room.....". KGO was a GE station and came on the air in Jan 1924. So, from what info I have found, looks like the UV-210...the first type '10 tube, was definitely in use in 1924...and you would think, hams being what we are...there would have been a little Hartley somewhere running a scrounged UV-210.

The next question I have is: would this be enough evidence to 'legalize' the use of a '10 tube in our AWA '29 QSO Party for 1924 transmitter circuits. Also, who in the AWA could make a decision on this?

Thanks, 73 de Bill K4JYS

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> Though the UV-210 may have been available to the Navy, I couldn't find any indication that it was used by amateurs.
>
> When the UX-210 was first shown in th Oct. 1925 QST, no reference was made to the UV-210. Instead, it was treated as a new tube and was compared to the UV-202. Jon
>
>
>
>
> I assume the earliest...
> http://www.bill01a.com/tubephotos/ge-uv210.htm
>
>
> Early 1925
>

6172. Re: [AWA Group] Re: Type '10 Tube in 1924

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-18 14:01:56 UTC
From: ne1s@securespeed.us
Topic: 6168 Message: 6172

> The next question I have is: would this be enough evidence to 'legalize'
> the use of a '10 tube in our AWA '29 QSO Party for 1924 transmitter
> circuits.

IMHO. yes. If the tube, and circuit, existed in year 192X, that should be sufficient to transmit "TX 2X."

> Also, who in the AWA could make a decision on this?

Only yourself, Bill. You are looking for approval from a "higher authority" where none is required.

73,
-Larry/NE1S

6173. 210 1924 legal?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-18 15:56:59 UTC
From: Louis Vermond
Topic: 6173 Message: 6173
Attachments: 1 described; binary payloads are missing from this source WARC

The next question I have is: would this be enough evidence to 'legalize' the use of a '10 tube in our AWA '29 QSO Party for 1924 transmitter circuits.

IMHO. yes. If the tube, and circuit, existed in year 192X, that should be sufficient to transmit "TX 2X."

> Also, who in the AWA could make a decision on this?

Only yourself, Bill. You are looking for approval from a "higher authority" where none is required.

73, -Larry/NE1S

I agree with Larry here, yet.... I believe that it would a fair question to ask, "Was your 210 manufactured in '24 OM?"

73, Lou
VE3AWA

From, "Tube Collectors Association Special Publication No. 10"
December 2005
Ludwell Sibley, KB2EVN Editor

6174. eBay Alert 1924 QSTs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-18 19:23:30 UTC
From: Louis Vermond
Topic: 6174 Message: 6174

http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=130714941143&ssPageName=ADME:B:SS:US:1123
Full Year of Original Issues ... 1924 QST Magazine with Covers, Backs & Index

Great shipping cost!

6175. [AWA Group] Re: Type '10 Tube in 1924

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-18 20:29:10 UTC
From: cwopr@embarqmail.com
Topic: 6168 Message: 6175

Tnx Larry for the comments. I guess I've been thinking that the use of the '10 for a 1924 xmtr was on the border line, but seems the tube was around & in use in '24, just not in popular use by hams. Also, I wasn't sure if its use would need to be "legalized" by someone in the contest shed. I really want to keep things as correct as possible, esp. for the QSO party. I'm probably leaning toward trying a '10 in the Meissner for 160 altho the C-301A is working OK, just low power..73..Bill

--- In AWAGroup@yahoogroups.com, ne1s@... wrote:
>
>
> > The next question I have is: would this be enough evidence to 'legalize'
> > the use of a '10 tube in our AWA '29 QSO Party for 1924 transmitter
> > circuits.
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> sufficient to transmit "TX 2X."
>
> > Also, who in the AWA could make a decision on this?
>
> Only yourself, Bill. You are looking for approval from a "higher
> authority" where none is required.
>
> 73,
> -Larry/NE1S
>

6176. Re: 210 1924 legal?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-18 20:42:53 UTC
From: cwopr@embarqmail.com
Topic: 6173 Message: 6176

No Lou, the couple I have are from the late 1920s. But many of us use VT-25s subing for the 210/310s so looks to me its about the same situation. Aren't the UV-210/UX-210 the same tube with diff. pin lengths? Wish I could find a 'reasonable' 202...saw one on eBay starting at 99 bux...ouch...73 de Bill K4JYS

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>
> I agree with Larry here, yet.... I believe that it would a fair question to ask, "Was your 210 manufactured in '24 OM?"
>
> 73, Lou
> VE3AWA
>
> From, "Tube Collectors Association Special Publication No. 10"
> December 2005
> Ludwell Sibley, KB2EVN Editor
>

6177. Re: [AWA Group] eBay Alert 1924 QSTs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-18 20:43:54 UTC
From: Eddy Swynar
Topic: 6174 Message: 6177

Hi Lou,

That's something I can never, ever understand: why ship via Priority Post in the first place...?!

Give me the absolute CHEAPEST WAY, each & every time---and I'll wager that the goods will get delivered at the exact same time as Priority Post, if not even sooner.

Example: several years ago I had a QSO with an Australian Ham who was interested in an antenna article that was published in QST. I told him I'd photocopy it, & mail it off to him (this well before the universality of the internet). Well, the man at the post office has this large manila envelope in front of him, & asks me how I want it to be handled...

"Ship via the slowest boat on its way to China---the receiver is no hurry, so the cheapest way is A-OK by both of us."

FIVE DAYS LATER, I'm in QSO again with this same "VK"---who thanks me for mailing the piece to him! He received it the day before...

Fast forward to a few months later: I get a phone call from my sister, who asks why I never said anything about the birthday card she mailed my TWO WEEKS BEFORE my birthday! In truth, I never got it until a few days later...and her home town was a mere 5 miles away from me!

Go figure.

Another time I was advised by a postal employee to mail any & all parcels to Europe "...via sea mail". The reason? Everything gets put a plane anyway, & gets there for the same price!

Again, go figure...!

~73~ de Eddy VE3CUI - VE3XZ

On 2012-06-18, at 3:23 PM, Louis Vermond wrote:

>
> http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=130714941143&ssPageName=ADME:B:SS:US:1123
> Full Year of Original Issues ... 1924 QST Magazine with Covers, Backs & Index
>
>
> Great shipping cost!
>
>

6178. Re: [AWA Group] Re: 210 1924 legal?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-18 21:24:40 UTC
From: Jon, AB9ZG
Topic: 6173 Message: 6178

Vacuumtubes.net has used UV-202's listed for $50. Maybe not in stock?

From: "cwopr@..." <cwopr@embarqmail.com>
To: AWAGroup@yahoogroups.com
Sent: Monday, June 18, 2012 3:42 PM
Subject: [AWA Group] Re: 210 1924 legal?

No Lou, the couple I have are from the late 1920s. But many of us use VT-25s subing for the 210/310s so looks to me its about the same situation. Aren't the UV-210/UX-210 the same tube with diff. pin lengths? Wish I could find a 'reasonable' 202...saw one on eBay starting at 99 bux...ouch...73 de Bill K4JYS

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> From, "Tube Collectors Association Special Publication No. 10"
> December 2005
> Ludwell Sibley, KB2EVN Editor
>

6179. UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-18 22:16:59 UTC
From: Louis Vermond
Topic: 6179 Message: 6179

No Lou, the couple I have are from the late 1920s. But many of us use VT-25s subing for the 210/310s so looks to me its about the same situation. Aren't the UV-210/UX-210 the same tube with diff. pin lengths? Wish I could find a 'reasonable' 202...saw one on eBay starting at 99 bux...ouch...73 de Bill K4JYS

Bill,

My understanding is that the tube used in the Party (166 Days 1 Hour 37 Min.s) has to have been manufactured prior to 1930. Wiggle room tho. If not prior, than have the same construction appearance. The VTs & Type 10s were not and do not therefore "illegal" for the Party. See rules...

For every day use I use Type 10s. For the Kelley I pop in UX-210s. Once tho when an hour or so and several QSOs into a Party I realized that I had not switched tubes. I promised myself that I would never divulge my shameful secret...then counted those contacts.

Just buy a 202 style 210 and away you go. Easy!.... if you have several lifetimes to find one and oodles....

Want a UV-202? Bid to win, close ur eyes and hit the button! After a week or so of regret & self-loathing it'll arrive. You open the box. Holding breath, you test filament. Good!! Slam'r in the rig...works!!! All regrets gone and you'll think yourself a very cleaver fellow.... Right, Mr. Cro?

---

de Eddy

Another time I was advised by a postal employee to mail any & all parcels to Europe "...via sea mail". The reason? Everything gets put a plane anyway, & gets there for the same price! Yes I've noticed that parts sent from the UK via water-wings & favourable currents have not taken all that long to arrive here. That now confirmed, I will suggest to my EU eBay buyers to go with the cheaper "surface" posting. Tks...

Give me the absolute CHEAPEST WAY, each & every time---and I'll wager that the goods will get delivered at the exact same time as Priority Post, if not even sooner.
Regarding the US, there is no more parcel post service to Canada.

"Sadly enough .. $32.95 via flat rate Priority Mail is the least expensive option to ship these...[QSTs]" eBay Seller Another source has confirmed this.

6180. Re: [AWA Group] UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 00:03:27 UTC
From: Eddy Swynar
Topic: 6179 Message: 6180

On 2012-06-18, at 6:16 PM, Louis Vermond wrote:

>
> Regarding the US, there is no more parcel post service to Canada.
>
> "Sadly enough .. $32.95 via flat rate Priority Mail is the least expensive option to ship these...[QSTs]" eBay Seller Another source has confirmed this.
>
>

What an absolute rip-off!

But then again, who are we to complain in Canada...? Ever since our own Canada Post here went to bed with eBay, sharing ad space on the eBay website & CP's TV ads, and all, the rates to mail parcels ANYWHERE has hit stellar heights...

...And the options of declining insurance, or parcel tracing, went the way of Hallicrafters & Hammarlund.

Remember "Small Parcel Rate"...? I think that's now seen only on The History Channel, too.

~73~ de Eddy VE3CUI - VE3XZ

6181. Re: UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 13:58:13 UTC
From: N3IBX
Topic: 6179 Message: 6181

On 06/18/12, Louis Vermond wrote:

Want a UV-202? Bid to win, close ur eyes and hit the button! After a week or so of regret & self-loathing it'll arrive. You open the box. Holding breath, you test filament. Good!! Slam'r in the rig...works!!! All regrets gone and you'll think yourself a very cleaver fellow.... Right, Mr. Cro?

Lou - I coul;dn't agree with you more!
Mr. Cro N3IBX

No Lou, the couple I have are from
the late 1920s. But many of us use VT-25s subing for the 210/310s so looks to me
its about the same situation. Aren't the UV-210/UX-210 the same tube with diff.
pin lengths? Wish I could find a 'reasonable' 202...saw one on eBay starting at
99 bux...ouch...73 de Bill K4JYS

Bill,

My understanding is that the tube used in the Party
(166 Days 1 Hour 37 Min.s) has to have been manufactured prior to 1930.
Wiggle room tho. If not prior, than have the same construction appearance.
The VTs & Type 10s were not and do not therefore "illegal" for the Party.
See rules...

For every day use I use Type 10s. For the Kelley I pop
in UX-210s. Once tho when an hour or so and several QSOs into a Party I
realized that I had not switched tubes. I promised myself that I would never
divulge my shameful secret...then counted those contacts.

Just buy a 202 style 210 and away you go. Easy!.... if
you have several lifetimes to find one and oodles....

Want a UV-202? Bid to win, close ur eyes and hit the
button! After a week or so of regret & self-loathing it'll arrive. You open
the box. Holding breath, you test filament. Good!! Slam'r in the rig...works!!!
All regrets gone and you'll think yourself a very cleaver fellow....
Right, Mr. Cro?

de Eddy

Another time I was advised by
a postal employee to mail any & all parcels to Europe "...via sea mail". The
reason? Everything gets put a plane anyway, & gets there for the same price!
Yes I've noticed that parts sent from the UK via water-wings
& favourable currents have not taken all that long to arrive here. That now
confirmed, I will suggest to my EU eBay buyers to go with the
cheaper "surface" posting. Tks...

Give me the absolute
CHEAPEST
WAY, each & every time---and
I'll wager that the goods will get delivered at the exact same time as
Priority
Post, if not even sooner.

Regarding the US, there is no
more parcel post service to Canada.

"Sadly enough .. $32.95 via flat rate Priority Mail is the least
expensive option to ship these...[QSTs]" eBay Seller Another source has confirmed this.

6182. Re: [AWA Group] UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 14:28:11 UTC
From: ne1s@securespeed.us
Topic: 6179 Message: 6182

```
>
> My understanding is that the tube used in the Party (166 Days 1 Hour 37
> Min.s) has to have been manufactured prior to 1930. Wiggle room tho. If
> not prior, than have the same construction appearance. The VTs & Type 10s
> were not and do not therefore "illegal" for the Party.

Eh? Then I have seldom been "legal." The Globe 71A's I'm now using in the
PP TNT and for a short time with one of 'em in the Hartley would qualify,
but nothing else I've used. First I've heard of this, and IMHO more
"wiggle room" is required - I think ST tubes and military derivatives of
the original types, if not legal now, should be, or you will see much
decreased participation (if people follow those rules to the letter) and
it becomes a contest only for those lucky enough to have acquired those
tubes when they were affordable, or well-off enough to afford them at
today's prices.

> See rules...

Where?

73,
-Larry/NE1S
```

6183. Re: [AWA Group] UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 14:47:36 UTC
From: N1BUG
Topic: 6179 Message: 6183

>> See rules...
>
> Where?

As a paid up AWA member and not-quite-newbie any more, one of my pet peeves is the link to upcoming ham radio events and rules has been removed from the AWA web site. Even when it was there, the information was not well maintained and almost always stale, IMHO.

The latest rules I can find (via Google search since I can't find any link on the AWA home page) is for 2011:

http://www.antiquewireless.org/pdf/BKrulesdec11.pdf

Paul

6184. Legal Party Tubes or Don't Ask-Don't Tell

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 15:48:07 UTC
From: Louis Vermond
Topic: 6184 Message: 6184
Attachments: 1 described; binary payloads are missing from this source WARC

(Hi Joe)

Larry & Paul,

Tks Paul for the rules lead.

The 2011 Bruce Kelley 1929 QSO Party

"Tubes must have been available during or before 1929."

As I recall it, in the early days of the Event it was understood that UV-202s, UX-210s, UV-201s, UX-201s (+As), UX-245s and UX-171s qualified. Type 10s, 01As, 45s etc. did not.

Remember, from the beginning the AWA was supplied parts to the membership. The Museum must be awash in "legals" so offer a reasonable donation for one of them. If that does not do it, collect empty soda-pop bottles for refund or get a paper route. Bugs, have you considered finding a rich widow-women?

"IMHO" What does this stand for?

73, Lou
VE3AWA

Do not forget the De Forest Audio 510
Of all the 210s & #10s I've messed with, this tube was the best keying, output & tone.

6185. More 510 Info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 16:06:41 UTC
From: Louis Vermond
Topic: 6185 Message: 6185
Attachments: 1 described; binary payloads are missing from this source WARC

Not mine... :0(

6186. Re: [AWA Group] Legal Party Tubes or Don't Ask-Don't Tell

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 17:06:28 UTC
From: Robert S Jenkins
Topic: 6184 Message: 6186

IMHO- in my humble opinion

Robert
KG4KGL

Sent from my iPhone

On Jun 19, 2012, at 11:48, Louis Vermond <ldvermond@...> wrote:

>
>
> (Hi Joe)
>
> Larry & Paul,
>
>
> "IMHO" What does this stand for?
>
> 73, Lou
>

6187. Re: [AWA Group] Legal Party Tubes or Don't Ask-Don't Tell

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 17:10:50 UTC
From: N1BUG
Topic: 6184 Message: 6187

Bugs, have you considered finding a rich widow-women?

?! Don't I have enuf trouble already? ;-)

"IMHO"? What does this stand for?

Sorry Lou.

IMHO = in my humble opinion

Bugsy

6188. [AWA Group] Re: 210 1924 legal?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 18:38:53 UTC
From: cwopr@embarqmail.com
Topic: 6173 Message: 6188

Tnx Jon...wasn't aware of this source...Bill

--- In AWAGroup@yahoogroups.com, "Jon, AB9ZG" <ab9zg@...> wrote:
>
> Vacuumtubes.net has used UV-202's listed for $50. Maybe not in stock?
>
>
>
> _____
> From: "cwopr@..." <cwopr@...>
> To: AWAGroup@yahoogroups.com
> Sent: Monday, June 18, 2012 3:42 PM
> Subject: [AWA Group] Re: 210 1924 legal?
>
>
> Â
> No Lou, the couple I have are from the late 1920s. But many of us use VT-25s subing for the 210/310s so looks to me its about the same situation. Aren't the UV-210/UX-210 the same tube with diff. pin lengths? Wish I could find a 'reasonable' 202...saw one on eBay starting at 99 bux...ouch...73 de Bill K4JYS
>
> --- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@> wrote:
> >
> >
> > The next question I have is: would this be enough evidence to 'legalize' the use of a '10 tube in our AWA '29 QSO Party for 1924 transmitter circuits.
> >
> > IMHO. yes. If the tube, and circuit, existed in year 192X, that should be sufficient to transmit "TX 2X."
> >
> > > Also, who in the AWA could make a decision on this?
> >
> > Only yourself, Bill. You are looking for approval from a "higher authority" where none is required.
> >
> > 73, -Larry/NE1S
> >
> > I agree with Larry here, yet.... I believe that it would a fair question to ask, "Was your 210 manufactured in '24 OM?"
> >
> > 73, Lou
> > VE3AWA
> >
> > From, "Tube Collectors Association Special Publication No. 10"
> > December 2005

> > Ludwell Sibley, KB2EVN Editor
> >
>

6189. Re: UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 19:40:15 UTC
From: cwopr@embarqmail.com
Topic: 6179 Message: 6189

Tnx Lou for your take on the tube rule. I thought long and hard about buying my first 210/310...and all the while the prices were going up. So waiting didn't save any money. Glad I finally, as you say, hit the button on the 210..and no regrets. I'll have to mow more yards to be able to pull the trigger on a 202 tho..hi...Bill

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> No Lou, the couple I have are from the late 1920s. But many of us use VT-25s subing for the 210/310s so looks to me its about the same situation. Aren't the UV-210/UX-210 the same tube with diff. pin lengths? Wish I could find a 'reasonable' 202...saw one on eBay starting at 99 bux...ouch...73 de Bill K4JYS
>
> Bill,
>
> My understanding is that the tube used in the Party (166 Days 1 Hour 37 Min.s) has to have been manufactured prior to 1930. Wiggle room tho. If not prior, than have the same construction appearance. The VTs & Type 10s were not and do not therefore "illegal" for the Party. See rules...
>
> For every day use I use Type 10s. For the Kelley I pop in UX-210s. Once tho when an hour or so and several QSOs into a Party I realized that I had not switched tubes. I promised myself that I would never divulge my shameful secret...then counted those contacts.
>
> Just buy a 202 style 210 and away you go. Easy!.... if you have several lifetimes to find one and oodles....
>
> Want a UV-202? Bid to win, close ur eyes and hit the button! After a week or so of regret & self-loathing it'll arrive. You open the box. Holding breath, you test filament. Good!! Slam'r in the rig...works!!! All regrets gone and you'll think yourself a very cleaver fellow.... Right, Mr. Cro?
>
> ---
>
>
> de Eddy
>
> Another time I was advised by a postal employee to mail any & all parcels to Europe "...via sea mail". The reason? Everything gets put a plane anyway, & gets there for the same price! Yes I've noticed that parts sent from the UK via water-wings & favourable currents have not taken all that long to arrive here. That now confirmed, I will suggest to my EU eBay buyers to go with the cheaper "surface" posting. Tks...
>
> Give me the absolute CHEAPEST WAY, each & every time---and I'll wager that the goods will get delivered at the exact same time as Priority Post, if not even sooner.
> Regarding the US, there is no more parcel post service to Canada.

>
> "Sadly enough .. $32.95 via flat rate Priority Mail is the least expensive option to ship these...[QSTs]" eBay Seller Another source has confirmed this.
>

6190. Re: [AWA Group] UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 20:18:52 UTC
From: cwopr@embarqmail.com
Topic: 6179 Message: 6190

Larry, I've done about like you. My first '29 rig used a CX-301A. Later I received VT-25s from two members and '29 Party participants..most gracious folks. I used them up until I was able to get a 210. From what others have said over the years, I thot that as long as it was the same basic tube, even tho a different nomenclature, it was legal...a VT-25 is a '10..is a UX-210..is a UV-210, etc. Guess I never interpreted the tube rule to the exact wording. Now, like Lou, I use the VT-25 for normal ham use and the 210 for AWA use. As you pointed out, as the old globe tubes play out, so will the '29 Party unless some modernization of the tube rules are relaxed..or we can keep going as we are..shhhhhh ...just my opinion.

73 de Bill K4JYS

--- In AWAGroup@yahoogroups.com, ne1s@... wrote:
>
> >
> > My understanding is that the tube used in the Party (166 Days 1 Hour 37
> > Min.s) has to have been manufactured prior to 1930. Wiggle room tho. If
> > not prior, than have the same construction appearance. The VTs & Type 10s
> > were not and do not therefore "illegal" for the Party.
>
> Eh? Then I have seldom been "legal." The Globe 71A's I'm now using in the
> PP TNT and for a short time with one of 'em in the Hartley would qualify,
> but nothing else I've used. First I've heard of this, and IMHO more
> "wiggle room" is required - I think ST tubes and military derivatives of
> the original types, if not legal now, should be, or you will see much
> decreased participation (if people follow those rules to the letter) and
> it becomes a contest only for those lucky enough to have acquired those
> tubes when they were affordable, or well-off enough to afford them at
> today's prices.
>
> > See rules...
>
> Where?
>
> 73,
> -Larry/NE1S
>

6191. Re: Legal Party Tubes or Don't Ask-Don't Tell

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 20:47:39 UTC
From: cwopr@embarqmail.com
Topic: 6184 Message: 6191

Lou, I've been a AWA member ten plus years and this is the first I've heard that members can get parts from the museum. If true, its not a well advertised benifit. Do you know the procedure? I would think they would have loads of 'extra' goodies and would be glad to let some of it go for a nominal donation to the museum fund. I'm already back to my childhood employment. I mow & keep up a dozen yards..as then, helps with a few radios, etc...Bill, K4JYS

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> (Hi Joe)
>
> Larry & Paul,
>
> Tks Paul for the rules lead.
>
> The 2011 Bruce Kelley 1929 QSO Party
>
> "Tubes must have been available during or before 1929."
>
> As I recall it, in the early days of the Event it was understood that UV-202s, UX-210s, UV-201s, UX-201s (+As), UX-245s and UX-171s qualified. Type 10s, 01As, 45s etc. did not.
>
> Remember, from the beginning the AWA was supplied parts to the membership. The Museum must be awash in "legals" so offer a reasonable donation for one of them. If that does not do it, collect empty soda-pop bottles for refund or get a paper route. Bugs, have you considered finding a rich widow-women?
>
> "IMHO" What does this stand for?
>
> 73, Lou
> VE3AWA
>
> Do not forget the De Forest Audio 510
> Of all the 210s & #10s I've messed with, this tube was the best keying, output & tone.
>

6192. Mr. Cro's Latest Find

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 20:54:43 UTC
From: Louis Vermond
Topic: 6192 Message: 6192
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

6193. Marc gets the last word...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 21:05:50 UTC
From: Louis Vermond
Topic: 6193 Message: 6193
Attachments: 1 described; binary payloads are missing from this source WARC

...as the old globe tubes play out, so will the '29 Party ... Is this really an issue?

As you pointed out, unless some modernization of the tube rules are relaxed.. The Party population will fade away long before the 210s etc. become unattainable.

Smile & be Happy, Lou

"Marc explained that low power, one-tube Amateur radio transmitters using these circuits are built
today using only parts and tubes that were available in the late 1920s."
Well, not all...

6194. K4JYS + Old Ham Radio Game and it's pleasant memories

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-19 21:52:54 UTC
From: Louis Vermond
Topic: 6194 Message: 6194

Lou, I've been a AWA member ten plus years and this is the first I've heard that members can get parts from the museum. If true, its not a well advertised benifit. Do you know the procedure? I would think they would have loads of 'extra' goodies and would be glad to let some of it go for a nominal donation to the museum fund. I'm already back to my childhood employment. I mow & keep up a dozen yards..as then, helps with a few radios, etc...Bill, K4JYS

Bill,

From the beginning of the AWA that was the case. In 1973 I visited Bruce & his Barn. In the hay loft there were piles, unending piles (are u reading this SL?) of early radio parts of all descriptions. Knowing that I had not been in the Old Ham Radio Game all that long, Bruce handed me something saying, "You do not know this now, but you want this." It was a 202.

About five yrs ago I visited the Annex during a volunteer work day. Spent 6+ hours going thu the Parts Department. For a voluntary donation (the value of two
2-4s) I drove home with project finshing and starting goodies.

Ed Gable is probably lurking around here, ask him for the latest dope on this.

73, Lou

6195. Re: [AWA Group] UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-20 14:11:26 UTC
From: ne1s@securespeed.us
Topic: 6179 Message: 6195

>>> See rules...
>>
>> Where?
>
> The latest rules I can find (via Google search since I can't find
> any link on the AWA home page) is for 2011:
>
> http://www.antiquewireless.org/pdf/BKrulesdec11.pdf
>

OK.

"Tubes must have been available during or before 1929."

Lou, you are taking the most literal interpretation of the above, which is your prerogative. In that interpretation, the actual unit used in the transmitter must have existed in 1929.

When Bob Raide W2ZM first introduced me to the AWA and the BK party in the mid-90's, he had told me 45's (generically speaking) were fair game, and I had used a pair of ST 45s for years in the PP TNT before I killed the emission on them by accidentally over-voltageing the filaments. Been "doing" antique radio all my life (well, since about age 7, anyway) and had always considered a '45 no different than a UX-245, a '71A the equivalent of a UX-171A, etc, so never even though to ask for a clarification.

Maybe this should be a topic at an upcoming AWA Conference Amateur Forum, and members make proposals and vote on them? Or organize a later vote that would allow AWA members who can't make the Conference to have input? No matter what the original intent was (which as I see it is still a bit murky), the AWA is our organization and we should be able to adapt the contest rules to what the majority of "stakeholders" prefer. (We're not talking about the US Constitution, after all ;-))

73,
-Larry/NE1S

6196. Re: [AWA Group] UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-20 14:46:53 UTC
From: ve7sl@shaw.ca
Topic: 6179 Message: 6196

> had always considered a '45 no different than a UX-245, a '71A the
> equivalent of a UX-171A, etc, so never even though to ask for a
> clarification.

likewise...if not for the 10's, VT-25's, 27's and 45's half (or more) of the B-K signals would be gone. I'm sure the original intent was to keep the spirit and unique style of '29 radios alive and in today's reality, using these tubes is what it takes. Requiring one to use only purely '29 (or earlier) candidates, and not their slightly later offsprings, will see participation wither quickly away. The recent resurgence in B-K '29 activity is certainly wonderful to see...let's not shoot ourselves in the foot here.

Steve / 73

How many more days Lou...?

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6197. Re: [AWA Group] UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-21 00:52:46 UTC
From: whitebear1122@comcast.net
Topic: 6179 Message: 6197

Hi all. I have the AWAGROUP on weekly digest so I haven't seen this interesting exchange yet. A 1929 participant mentioned the discussion so I had to stop by before the digest and see what was going on.

The rules for tubes are very simple. The general rule is that any tube that was available in 1929 or before can be used. Both globe and ST versions may be use. Your tube can be manufactured after 1929 and that's fine as long as it was originally available in 1929. Also, military versions are acceptable so the VT-25 is a 10, a 10Y is a 10, a 10 ST style is a 10, a 10 Globe is a 10, a 210 is a 10, etc..

I guess I should put a list of recommended tubes up on the AWA website so folks can see what all is available. When I first talked with John Rollins, he was telling me 71A, 45, 27, 24, 01A, 10's, 211/VT-4 was fine and I later learned there were many more tubes as well. So maybe it's time for a list just to make it easy on ourselves.

And Bill K4JYS, your 10 is just fine in your 1924 transmitter even if the 10 wasn't available back then. The spirit of the QSO Party is any tube available in 1929 and earlier may be used in any self excited transmitter configuration. There are no rules regarding tube age vs transmitter design age. The two don't have to line up. My push-pull pair of 10's is a Colpitts and I never gave it any thought whether 10's were available when the first Colpitts design came out. It's a "don't care".

This is a fun and easy contest with very few restrictions, such as the transmitter must be self excited (no crystal control), tubes available in 1929 or earlier, and the basic 10W/20W input power restrictions. That's it.

Hope that helps. I haven't been very active on the radio so far this year as I've been in a major radio sell off where I've sold over 70% of my radios so far, and nearing the end with another 10-12 radios before declaring equilibrium. Most of my radio'n has been with selling and boxing radios. The rest has been with some 80m, 40m, 20m cw. 73, Scott WA9WFA, BK 1929 QSO Party Manager

--- In AWAGroup@yahoogroups.com, ne1s@... wrote:
>
> >
> > My understanding is that the tube used in the Party (166 Days 1 Hour 37
> > Min.s) has to have been manufactured prior to 1930. Wiggle room tho. If
> > not prior, than have the same construction appearance. The VTs & Type 10s
> > were not and do not therefore "illegal" for the Party.
>
> Eh? Then I have seldom been "legal." The Globe 71A's I'm now using in the
> PP TNT and for a short time with one of 'em in the Hartley would qualify,
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> decreased participation (if people follow those rules to the letter) and

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> tubes when they were affordable, or well-off enough to afford them at
> today's prices.
>
> > See rules...
>
> Where?
>
> 73,
> -Larry/NE1S
>

6198. Re: [AWA Group] UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-21 01:03:05 UTC
From: whitebear1122@comcast.net
Topic: 6179 Message: 6198

I concur with Steve. There is no difference in those tubes. There is no tube issue - period. We all know what the spirit of the 1929 QSO Party is as envisioned and practiced by Bruce Kelly and John Rollins, 10/20 watts input, self excited, tubes available in 1929 or earlier. 73, Scott WA9WFA

--- In AWAGroup@yahoogroups.com, <ve7sl@...> wrote:
>
>
> > had always considered a '45 no different than a UX-245, a '71A the
> > equivalent of a UX-171A, etc, so never even though to ask for a
> > clarification.
>
> likewise...if not for the 10's, VT-25's, 27's and 45's half (or more) of the
> B-K signals would be gone. I'm sure the original intent was to keep the
> spirit and unique style of '29 radios alive and in today's reality, using
> these tubes is what it takes. Requiring one to use only purely '29 (or
> earlier) candidates, and not their slightly later offsprings, will see
> participation wither quickly away. The recent resurgence in B-K '29 activity
> is certainly wonderful to see...let's not shoot ourselves in the foot here.
>
> Steve / 73

6199. Re: [AWA Group] UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-21 10:48:50 UTC
From: cwopr@embarqmail.com
Topic: 6179 Message: 6199

Thanks, Scott, for the excellent clarification. An official list of general 'legal' tubes would be helpful. Also, maybe the tube list and your comments could be incorporated into the rules and posted on the AWA Web site. That should end any confusion for ever. Man, you are really cleaning house...don't sell your '20s stuff.

Thanks again for your efforts in spear-heading the '29 QSO Party...
73 de Bill K4JYS

--- In AWAGroup@yahoogroups.com, whitebear1122@... wrote:
>
> Hi all. I have the AWAGROUP on weekly digest so I haven't seen this interesting exchange yet. A 1929 participant mentioned the discussion so I had to stop by before the digest and see what was going on.
>
> The rules for tubes are very simple. The general rule is that any tube that was available in 1929 or before can be used. Both globe and ST versions may be use. Your tube can be manufactured after 1929 and that's fine as long as it was originally available in 1929. Also, military versions are acceptable so the VT-25 is a 10, a 10Y is a 10, a 10 ST style is a 10, a 10 Globe is a 10, a 210 is a 10, etc..
>
> I guess I should put a list of recommended tubes up on the AWA website so folks can see what all is available. When I first talked with John Rollins, he was telling me 71A, 45, 27, 24, 01A, 10's, 211/VT-4 was fine and I later learned there were many more tubes as well. So maybe it's time for a list just to make it easy on ourselves.
>
> And Bill K4JYS, your 10 is just fine in your 1924 transmitter even if the 10 wasn't available back then. The spirit of the QSO Party is any tube available in 1929 and earlier may be used in any self excited transmitter configuration. There are no rules regarding tube age vs transmitter design age. The two don't have to line up. My push-pull pair of 10's is a Colpitts and I never gave it any thought whether 10's were available when the first Colpitts design came out. It's a "don't care".
>
> This is a fun and easy contest with very few restrictions, such as the transmitter must be self excited (no crystal control), tubes available in 1929 or earlier, and the basic 10W/20W input power restrictions. That's it.
>
> Hope that helps. I haven't been very active on the radio so far this year as I've been in a major radio sell off where I've sold over 70% of my radios so far, and nearing the end with another 10-12 radios before declaring equilibrium. Most of my radio'n has been with selling and boxing radios. The rest has been with some 80m, 40m, 20m cw. 73, Scott WA9WFA, BK 1929 QSO Party Manager
>
>
> --- In AWAGroup@yahoogroups.com, ne1s@ wrote:
> >

> > >
> > > My understanding is that the tube used in the Party (166 Days 1 Hour 37
> > > Min.s) has to have been manufactured prior to 1930. Wiggle room tho. If
> > > not prior, than have the same construction appearance. The VTs & Type 10s
> > > were not and do not therefore "illegal" for the Party.
> >
> > Eh? Then I have seldom been "legal." The Globe 71A's I'm now using in the
> > PP TNT and for a short time with one of 'em in the Hartley would qualify,
> > but nothing else I've used. First I've heard of this, and IMHO more
> > "wiggle room" is required - I think ST tubes and military derivatives of
> > the original types, if not legal now, should be, or you will see much
> > decreased participation (if people follow those rules to the letter) and
> > it becomes a contest only for those lucky enough to have acquired those
> > tubes when they were affordable, or well-off enough to afford them at
> > today's prices.
> >
> > > See rules...
> >
> > Where?
> >
> > 73,
> > -Larry/NE1S
> >
>

6200. Re: [AWA Group] UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-21 11:13:10 UTC
From: ne1s@securespeed.us
Topic: 6179 Message: 6200

> I concur with Steve. There is no difference in those tubes. There is no
> tube issue - period. We all know what the spirit of the 1929 QSO Party is
> as envisioned and practiced by Bruce Kelly and John Rollins, 10/20 watts
> input, self excited, tubes available in 1929 or earlier. 73, Scott WA9WFA
>

Hi Scott!

Thanks for the clarification - as I had said, it was always my understanding that ST '10s, '45s, '71As, VT-25s, and VT-4s are fair game, and that is also my personal preference. The issue is in the interpretation of "tubes available in 1929 or earlier." If you don't consider a ST '10 the same tube as a UX-210 or UV-210, for example, then ambiguity arises. And some (Lou, for one) are choosing that interpretation, which is as valid as any. Which is why your clarification should be somehow made "official," to remove that ambiguity.

73,
-Larry/NE1S

6201. Re: [AWA Group] UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-21 16:02:21 UTC
From: Whitebear
Topic: 6179 Message: 6201

Thanks Larry and Bill for your comments. I agree that it will be good if I put a tube list up on the website and also mention tubes a bit more in the yearly qsl party write up. I will get a list up on the website.

Nah I'm not selling my 29 stuff. It's mainly my 50s 60s excess. It's amazing how much stuff one can acquire. I had 5 National sw-3s for example. I don't need 5 so I've sold 2 and will sell 2 more. Just want 1 . 73 Scott wa9wfa

>

6202. Re: UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-21 20:21:59 UTC
From: Jon AB9ZG
Topic: 6179 Message: 6202

From memory, here is a list of some pre-1930 RCA tubes. Additions and corrections are welcome. Lots more tubes were made by Western Electric and others.

Receiving tubes:
WD-11
WD-12, WX-12
UX-112, UX-112A *
UX-120
UX-171, UX-171A *
UV-199. UX-199
UV-200, UX-200, UX-200A
UV-201, UV-201A UX-201A *
UX-222
UY-224
UX-226
UY-227
UX-240
UX-245 *
UX-250
UX-864

*Commonly used in amateur transmitters as oscillators

Transmitting tubes:
UV-202
UV-203, UV-203A
UV-204, UV-204A
UV-205 (type-P Pliotron)
UV-206
UV-207
UV-210, UX-210
UV-211
UX-841
UX-842
UV-845
UV-849
UV-851
UX-852
UX-860
UV-861
UV-862
UV-863
UX-865

Rectifiers
UV-213, UX-213
UV-216, UV-216B, UX-216B
UV-217, UV-217A, UV-217C
UV-219
UX-280
UX-281
UV-857
UX-866
UV-869
UV-872

Regulators and ballasts
UX-874
UV-876
UV-877

6203. Re: UV-210/UX-210

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-21 21:49:05 UTC
From: cwopr@embarqmail.com
Topic: 6179 Message: 6203

Tnx Jon...a very useful list...Bill, K4JYS

--- In AWAGroup@yahoogroups.com, "Jon AB9ZG" <ab9zg@...> wrote:
>
> From memory, here is a list of some pre-1930 RCA tubes. Additions and
> corrections are welcome. Lots more tubes were made by Western Electric
> and others.
>
> Receiving tubes:
> WD-11
> WD-12, WX-12
> UX-112, UX-112A *
> UX-120
> UX-171, UX-171A *
> UV-199. UX-199
> UV-200, UX-200, UX-200A
> UV-201, UV-201A UX-201A *
> UX-222
> UY-224
> UX-226
> UY-227
> UX-240
> UX-245 *
> UX-250
> UX-864
>
> *Commonly used in amateur transmitters as oscillators
>
> Transmitting tubes:
> UV-202
> UV-203, UV-203A
> UV-204, UV-204A
> UV-205 (type-P Pliotron)
> UV-206
> UV-207
> UV-210, UX-210
> UV-211
> UX-841
> UX-842
> UV-845
> UV-849
> UV-851
> UX-852
> UX-860
> UV-861

```
> UV-862
> UV-863
> UX-865
>
> Rectifiers
> UV-213, UX-213
> UV-216, UV-216B, UX-216B
> UV-217, UV-217A, UV-217C
> UV-219
> UX-280
> UX-281
> UV-857
> UX-866
> UV-869
> UV-872
>
> Regulators and ballasts
> UX-874
> UV-876
> UV-877
>
```

6204. VT-14's for transmitter bragging rights!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-22 12:52:10 UTC
From: Charlie
Topic: 6204 Message: 6204

I'm a member of the Antique Radio Forum, this morning this pair of GC-1162's (VT-14's) have been posted for sale. Truly vintage transmitting tubes if you need pre-1924...

http://antiqueradios.com/forums/viewtopic.php?f=15&t=196758

GL

Chas

WA1JFD

6205. AWAGroup de W1NRG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-23 21:54:47 UTC
From: Louis Vermond
Topic: 6205 Message: 6205
Attachments: 1 described; binary payloads are missing from this source WARC

Dear '29 Gang,

Roger, K1TG/AWAGroup will be working CW FD under W1NRG this Sunday 24th between 2 & 6AM Eastern on 80 and 40 metres.

73, Lou
VE3AWA

6206. Re: [AWA Group] AWAGroup de W1NRG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-24 00:59:27 UTC
From: Jim Robson
Topic: 6205 Message: 6206
Attachments: 2 described; binary payloads are missing from this source WARC

Frequency?

On 23/06/12 5:54 PM, Louis Vermond wrote:
>
> Dear '29 Gang,
> Roger, K1TG/AWAGroup will be working CW FD under W1NRG this Sunday
> 24th between 2 & 6_AM_ Eastern on 80 and 40 metres.
> 73, Lou
> VE3AWA
>

6207. AWAGroup de W1NRG?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-24 01:15:22 UTC
From: Louis Vermond
Topic: 6207 Message: 6207
Attachments: 2 described; binary payloads are missing from this source WARC

Jim,

Frequency? Roger did not say. Just tune for the mayhem! You can't miss it, Jim.
Nancy and I were discussing FD and what it's about at supper tonight. She asked if I could participate next year with a group of locals. What do you think? I'll supply the keg.

Want to play a hand or two for it?

Of course the only game I know is Twenty One.

6208. 210 eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-24 11:51:05 UTC
From: Louis Vermond
Topic: 6208 Message: 6208
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/Two-RCA-10-globe-balloon-matching-pair-10-UX210-UX-210-equiv-/280903250853?pt=Vintage_Electronics_R2&hash=item41672373a5

6209. Re: [AWA Group] AWAGroup de W1NRG?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-24 16:00:52 UTC
From: Jim Robson
Topic: 6207 Message: 6209
Attachments: 2 described; binary payloads are missing from this source WARC

SX-25 prop in film

On 23/06/12 9:15 PM, Louis Vermond wrote:
>
> Jim,
> Frequency? Roger did not say. Just tune for the mayhem! You can't miss
> it, Jim.
Louis, thanks, will do; I'll have a listen before I go to work.

> Nancy and I were discussing FD and what it's about at supper tonight.
> She asked if I could participate next year with a group of locals.
> What do you think? I'll supply the keg.
>
> Perfect, I am in. What can I do/provide?
>
> Want to play a hand or two for it?
>
> Of course the only game I know is Twenty One.
>
Sorry, I don't know how to count; besides, there could be...problems...
SX-25 prop in film

73, my friend, see you in a couple weeks!
Jim, VA3AWA/VE3BHK
>
>
>

6210. W1NRG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-24 21:11:55 UTC
From: Louis Vermond
Topic: 6210 Message: 6210

The club I belong to is The Meriden Amateur Radio Club, W1NRG. I'm sure it is on QRZ. My friend Rich/WA1TRY and I did our duty this AM. We stuck to 40 meters for the entire 4 hours and managed nearly 100 Qs. The only Canook I worked was a VA7. My recall is we worked roughly 40 states. The club works class 2A with 100 watts, a G5RV up 100 ft. It is fun but very tiring. I got home about 0730 and slept until 1300. I was pooped.

CUL, Roger/K1TG

6211. Re: [AWA Group] W1NRG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-24 22:45:45 UTC
From: Jim Robson
Topic: 6210 Message: 6211

Hello, Roger--I was listening in to the Field Day QSO over the weekend. 40M was swamped, which is a good thing. Congrats on VA7, which is way out west! I was tempted to call in but for the first time I heard stations referencing 'class'. One VE3 station stated 2A and another 6A. What is class 2A? 73, Jim, VE3BHK

On 24/06/12 5:11 PM, Louis Vermond wrote:
>
> The club I belong to is The Meriden Amateur Radio Club, W1NRG. I'm
> sure it is on QRZ. My friend Rich/WA1TRY and I did our duty this AM. We
> stuck to 40 meters for the entire 4 hours and managed nearly 100 Qs.
> The only Canook I worked was a VA7. My recall is we worked roughly 40
> states. The club works class 2A with 100 watts, a G5RV up 100 ft. It
> is fun but very tiring. I got home about 0730 and slept until 1300. I
> was pooped.
> CUL, Roger/K1TG
>

6212. Re: [AWA Group] W1NRG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-24 21:55:49 UTC
From: ve7sl@shaw.ca
Topic: 6210 Message: 6212

Roger - were all tose QSO's made with the '29 rig ??

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6213. eBay Alert One tube Party Regen for the Manly Men Among Us

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-25 03:53:44 UTC
From: Louis Vermond
Topic: 6213 Message: 6213
Attachments: 2 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/1920s-One-Tube-Regenerative-Radio-w-Display-Brass-Tipped-UV-200-Detector-Tube-/130719579033?pt=LH_DefaultDomain_0&hash=item1e6f7e7b99

6214. VE3AWA de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-26 15:15:49 UTC
From: Louis Vermond
Topic: 6214 Message: 6214

Forwarded to Group...

Hi Lou,
Just got this skinny from a friend in MT. Lot's of good stuff about Navy keys.

http://www.navy-radio.com/xmtr-key.htm

CUL, Roger/K1TG

6215. TOKO coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-28 13:22:38 UTC
From: Roger Kuchera
Topic: 6215 Message: 6215

Gentlemen,
Is there anyone in AWA land who might be able to decipher the numbers on TOKO coils?

I found a circuit for a homebrew IF sweeper/wobbulator in an older British publication; Radio Bygones, April/May 2003. It looks easy enough to put together. Such a piece of test gear would be great to have for testing and restoring.

Unfortunately, there are some miniature coils needed for it. They are made by TOKO and you need a Rosetta stone to decipher the part numbers. The inductance values are not stated in the original article and I can find no correlation between the numbers in the article and those presently available, say from Digi-Key.

Is there anyone of our learned body who can help? Your help would be most appreciated.

CUL, Roger/K1TG

6216. Re: [AWA Group] TOKO coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-28 14:08:41 UTC
From: Don Buska - The Radio Lab Works
Topic: 6215 Message: 6216
Attachments: 1 described; binary payloads are missing from this source WARC

Roger,

I have two Toko Engineering Coil Kits for their 7mm and 10mm coils. If the coils in the article use cans that measure either of those two dimensions across the top of the cans give me the numbers. The kit has a chart in it that provides the inductance range, Q and test frequency for each coil in the kit.

73
Don N9OO

On 6/28/2012 8:22 AM, Roger Kuchera wrote:
>
> Gentlemen,
> Is there anyone in AWA land who might be able to decipher the
> numbers on TOKO coils?
>
> I found a circuit for a homebrew IF sweeper/wobbulator in an older
> British publication; Radio Bygones, April/May 2003. It looks easy enough
> to put together. Such a piece of test gear would be great to have for
> testing and restoring.
>
> Unfortunately, there are some miniature coils needed for it. They
> are made by TOKO and you need a Rosetta stone to decipher the part
> numbers. The inductance values are not stated in the original article
> and I can find no correlation between the numbers in the article and
> those presently available, say from Digi-Key.
>
> Is there anyone of our learned body who can help? Your help would
> be most appreciated.
>
> CUL, Roger/K1TG
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.1913 / Virus Database: 2425/5097 - Release Date: 06/27/12
>

--

6217. RE: [AWA Group] TOKO coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-28 14:46:45 UTC
From: Louis Vermond
Topic: 6215 Message: 6217

Roger,

http://g4oep.atspace.com/toko/toko.htm Only the tip of the TOKO web iceburg. 73, Lou

To: AWAgroup@yahoogroups.com
From: rwkuchera@snet.net
Date: Thu, 28 Jun 2012 06:22:38 -0700
Subject: [AWA Group] TOKO coils?

Gentlemen,
Is there anyone in AWA land who might be able to decipher the
numbers on TOKO coils?

I found a circuit for a homebrew IF sweeper/wobbulator in an older
British publication; Radio Bygones, April/May 2003. It looks easy enough
to put together. Such a piece of test gear would be great to have for
testing and restoring.

Unfortunately, there are some miniature coils needed for it. They
are made by TOKO and you need a Rosetta stone to decipher the part
numbers. The inductance values are not stated in the original article
and I can find no correlation between the numbers in the article and
those presently available, say from Digi-Key.

Is there anyone of our learned body who can help? Your help would
be most appreciated.

CUL, Roger/K1TG

6218. Re: [AWA Group] TOKO coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-28 17:40:37 UTC
From: Leonard Meek
Topic: 6215 Message: 6218

Roger, I've had the same problem with TOKO. I built a radio out of Elector Magazine (from UK) that used TOKO coils that weren't available from any US supplier. I have a TOKO catalog but the coils are not listed, so I wrote to TOKO America. They said they had no listing for the coil numbers I was looking for. Assuming that UK had a different source for the coils, I wrote to Maplin. They said the coils were discontinued, but they did sent me the two coils for the filter circuit, free. I tried substituting other coils for the IF's but only got marginal results, so the radio sits on the shelf as a reminder of how not to build a radio. Years ago, I bought a box of TOKO coils (anout 100). None of their numbers cross to anything, and I've never found a use for nore that a couple of them. I just keep them for paper weights.

Leonard

----- Original Message -----
From: "Roger Kuchera" <rwkuchera@...>
To: <AWAgroup@yahoogroups.com>
Sent: Thursday, June 28, 2012 3:22 AM
Subject: [AWA Group] TOKO coils?

> Gentlemen,
> Is there anyone in AWA land who might be able to decipher the
> numbers on TOKO coils?
>
> I found a circuit for a homebrew IF sweeper/wobbulator in an older
> British publication; Radio Bygones, April/May 2003. It looks easy enough
> to put together. Such a piece of test gear would be great to have for
> testing and restoring.
>
> Unfortunately, there are some miniature coils needed for it. They
> are made by TOKO and you need a Rosetta stone to decipher the part
> numbers. The inductance values are not stated in the original article
> and I can find no correlation between the numbers in the article and
> those presently available, say from Digi-Key.
>
> Is there anyone of our learned body who can help? Your help would
> be most appreciated.
>
> CUL, Roger/K1TG
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>
>

6219. Re: [AWA Group] TOKO coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-28 17:52:19 UTC
From: Leonard Meek
Topic: 6215 Message: 6219
Attachments: 1 described; binary payloads are missing from this source WARC

Don, would it be posible to post the list? I have a box of 10EZ TOKO coils, with numbers like 51A04 NN200 on them but they're not listed in my TOKO catalog. Do these look like anything on your list?

Leonard

----- Original Message -----
From: Don Buska - The Radio Lab Works
To: AWAGroup@yahoogroups.com
Sent: Thursday, June 28, 2012 4:08 AM
Subject: Re: [AWA Group] TOKO coils?

Roger,

I have two Toko Engineering Coil Kits for their 7mm and 10mm coils. If the coils in the article use cans that measure either of those two dimensions across the top of the cans give me the numbers. The kit has a chart in it that provides the inductance range, Q and test frequency for each coil in the kit.

73
Don N9OO

On 6/28/2012 8:22 AM, Roger Kuchera wrote:

Gentlemen,
Is there anyone in AWA land who might be able to decipher the
numbers on TOKO coils?

I found a circuit for a homebrew IF sweeper/wobbulator in an older
British publication; Radio Bygones, April/May 2003. It looks easy enough
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testing and restoring.

Unfortunately, there are some miniature coils needed for it. They
are made by TOKO and you need a Rosetta stone to decipher the part
numbers. The inductance values are not stated in the original article
and I can find no correlation between the numbers in the article and
those presently available, say from Digi-Key.

Is there anyone of our learned body who can help? Your help would
be most appreciated.

CUL, Roger/K1TG

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2425/5097 - Release Date: 06/27/12

- -

6220. Re: [AWA Group] TOKO coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-28 21:58:13 UTC
From: Roger Kuchera
Topic: 6215 Message: 6220
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Leonard,
Thanks for the response. Here are the numbers as stated in original article:

RW06A7752EK - green core
154FN8A6438EK - violet/deep red core
154FN8A6439EK - yellow core
KXNK3767EK - pink core

The designer user thes and a Varicap diode to resonate the sweeper on 4 bands from 350 Kcs to 14 Mcs. Any help on these would be welcome. Be glad to pay or swap for any of them.

CUL, Roger/K1TG

--- On Thu, 6/28/12, Leonard Meek <lemeek@hawaiiantel.net> wrote:

From: Leonard Meek <lemeek@...>
Subject: Re: [AWA Group] TOKO coils?
To: AWAGroup@yahoogroups.com
Date: Thursday, June 28, 2012, 1:52 PM

Don, would it be posible to post the list? I have a box of 10EZ TOKO coils, with numbers like 51A04 NN200 on them but they're not listed in my TOKO catalog. Do these look like anything on your list?

Leonard

----- Original Message -----
From: Don Buska - The Radio Lab Works
To: AWAGroup@yahoogroups.com
Sent: Thursday, June 28, 2012 4:08 AM
Subject: Re: [AWA Group] TOKO coils?

Roger,

I have two Toko Engineering Coil Kits for their 7mm and 10mm coils. If the coils in the article use cans that measure either of those two dimensions across the top of the cans give me the numbers. The kit has a chart in it that provides the inductance range, Q and test frequency for each coil in the kit.

73
Don N9OO

On 6/28/2012 8:22 AM, Roger Kuchera wrote:

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Is there anyone in AWA land who might be able to decipher the

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Unfortunately, there are some miniature coils needed for it. They are made by TOKO and you need a Rosetta stone to decipher the part numbers. The inductance values are not stated in the original article and I can find no correlation between the numbers in the article and those presently available, say from Digi-Key.

Is there anyone of our learned body who can help? Your help would be most appreciated.

CUL, Roger/K1TG

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2425/5097 - Release Date: 06/27/12

--

6221. Re: [AWA Group] TOKO coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-28 22:25:07 UTC
From: Leonard Meek
Topic: 6215 Message: 6221
Attachments: 1 described; binary payloads are missing from this source WARC

Roger, Don's list has 154FN8A6438EK and 154FN8A6439EK, listed as 45uH and 5.5uH, respectively. KXNK3767EK is listed as 1.2uH. RWO6A775EK (not RWO6A7752EK) is listed as 630uH.

Leonard
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: Thursday, June 28, 2012 11:58 AM
Subject: Re: [AWA Group] TOKO coils?

Hi Leonard,
Thanks for the response. Here are the numbers as stated in original article:

RWO6A7752EK - green core
154FN8A6438EK - violet/deep red core
154FN8A6439EK - yellow core
KXNK3767EK - pink core

The designer user thes and a Varicap diode to resonate the sweeper on 4 bands from 350 Kcs to 14 Mcs. Any help on these would be welcome. Be glad to pay or swap for any of them.

CUL, Roger/K1TG

--- On Thu, 6/28/12, Leonard Meek <lemeek@...> wrote:

From: Leonard Meek <lemeek@...>
Subject: Re: [AWA Group] TOKO coils?
To: AWAGroup@yahoogroups.com
Date: Thursday, June 28, 2012, 1:52 PM

Don, would it be posible to post the list? I have a box of 10EZ TOKO coils, with numbers like 51A04 NN200 on them but they're not listed in my TOKO catalog. Do these look like anything on your list?

Leonard

----- Original Message -----
From: Don Buska - The Radio Lab Works
To: AWAGroup@yahoogroups.com
Sent: Thursday, June 28, 2012 4:08 AM
Subject: Re: [AWA Group] TOKO coils?

Roger,

I have two Toko Engineering Coil Kits for their 7mm and 10mm coils. If the coils in the article use cans that measure either of those two dimensions across the top of the cans give me the numbers. The kit has a chart in it that provides the inductance range, Q and test frequency for each coil in the kit.

73
Don N9OO

On 6/28/2012 8:22 AM, Roger Kuchera wrote:

Gentlemen,
Is there anyone in AWA land who might be able to decipher the
numbers on TOKO coils?

I found a circuit for a homebrew IF sweeper/wobbulator in an older
British publication; Radio Bygones, April/May 2003. It looks easy enough
to put together. Such a piece of test gear would be great to have for
testing and restoring.

Unfortunately, there are some miniature coils needed for it. They
are made by TOKO and you need a Rosetta stone to decipher the part
numbers. The inductance values are not stated in the original article
and I can find no correlation between the numbers in the article and
those presently available, say from Digi-Key.

Is there anyone of our learned body who can help? Your help would
be most appreciated.

CUL, Roger/K1TG

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2425/5097 - Release Date: 06/27/12

--

6222. Re: [AWA Group] TOKO coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-28 23:17:17 UTC
From: Don Buska - The Radio Lab Works
Topic: 6215 Message: 6222

Hi Leonard,

That number doesn't appear in my kit of 10EZ coils. My kits were made by Toko America, Inc and were made way back in 1990. Those UK designs might use coils out of Toko Japan and/or are more modern than my kits provide. Toko has been around since the 1950's and has made small can coils since the earliest days of those first AM transistor radios.

Roger has asked me to scan the data sheets that came with my kits. I will do that and post them to our files area shortly.

Don

On 6/28/2012 12:52 PM, Leonard Meek wrote:
> Don, would it be posible to post the list? I have a box of 10EZ TOKO
> coils, with numbers like 51A04 NN200 on them but they're not listed in
> my TOKO catalog. Do these look like anything on your list?
> Leonard
>

6223. Re: [AWA Group] TOKO coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-28 23:25:49 UTC
From: Leonard Meek
Topic: 6215 Message: 6223

Thanks, Don. From what I gather from TOKO America, US didn't have access to the same coils that UK did. I don't know why that was. It could be that they were discontinued in US before they were in UK. Anyhow, I bought these coils back in the 70's or 80's. They may have been rejects or superceded types.

Leonard

----- Original Message -----
From: "Don Buska - The Radio Lab Works" <don@...>
To: <AWAGroup@yahoogroups.com>
Sent: Thursday, June 28, 2012 1:17 PM
Subject: Re: [AWA Group] TOKO coils?

> Hi Leonard,
>
> That number doesn't appear in my kit of 10EZ coils. My kits were made
> by Toko America, Inc and were made way back in 1990. Those UK designs
> might use coils out of Toko Japan and/or are more modern than my kits
> provide. Toko has been around since the 1950's and has made small can
> coils since the earliest days of those first AM transistor radios.
>
> Roger has asked me to scan the data sheets that came with my kits. I
> will do that and post them to our files area shortly.
>
> Don
>
> On 6/28/2012 12:52 PM, Leonard Meek wrote:
>> Don, would it be posible to post the list? I have a box of 10EZ TOKO
>> coils, with numbers like 51A04 NN200 on them but they're not listed in
>> my TOKO catalog. Do these look like anything on your list?
>> Leonard
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

6224. Toko 7mm & 10mm Coil Data File

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-28 23:26:09 UTC
From: Don Buska - The Radio Lab Works
Topic: 6215 Message: 6224

I have uploaded the scans of the Toko data to our files section. Covered are the 7KMM, 7P, 7PA, 10K, 10PA and 10EZ series. This along with Lou's data posting should provide us with some very good data for the future.

Don N9OO

6225. New file uploaded to AWAGroup

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-28 23:26:19 UTC
From: AWAGroup@yahoogroups.com
Topic: 114 Message: 6225

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the AWAGroup
group.

File : /Toko 7mm & 10mm Coil Data 1980.pdf
Uploaded by : n9oo <don@...>
Description : Toko Data for 7mm & 10mm Coils

You can access this file at the URL:
http://groups.yahoo.com/group/AWAGroup/files/Toko%207mm%20%26%2010mm%20Coil%20Data%201980.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

n9oo <don@...>

6226. Re: TOKO Coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-30 00:00:19 UTC
From: JAMES HANLON
Topic: 6226 Message: 6226

Roger,

If you know the capacitance range of the varactor diode, you can figure out what coil inductance you will need for each range. The formula for the resonant frequency of a parallel LC pair is:

(omega zero)squared = 1/LC

Where "omega zero" is the "angular frequency," 2 times pi (3.1416) times the frequency in HZ, and it is squared in the above formula,

L is the inductance in Henries,

and C is the capacitance in Farads.

Once you know the required inductance for each range, you should be able to substitute other coils that you can either make or acquire.

Jim, W8KGI

6227. Re: [AWA Group] Re: TOKO Coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-30 05:07:58 UTC
From: Roger Kuchera
Topic: 6226 Message: 6227

TNX Jim, that would be a possibility. They might be easy with a toroid.

CUL, Roger/K1TG

--- On Fri, 6/29/12, JAMES HANLON <knjhanlon@...> wrote:

From: JAMES HANLON <knjhanlon@...>
Subject: [AWA Group] Re: TOKO Coils
To: "AWA Group" <awagroup@yahoogroups.com>
Date: Friday, June 29, 2012, 8:00 PM

Roger,

If you know the capacitance range of the varactor diode, you can figure out what coil inductance you will need for each range. The formula for the resonant frequency of a parallel LC pair is:

(omega zero)squared = 1/LC

Where "omega zero" is the "angular frequency," 2 times pi (3.1416) times the frequency in HZ, and it is squared in the above formula,

L is the inductance in Henries,

and C is the capacitance in Farads.

Once you know the required inductance for each range, you should be able to substitute other coils that you can either make or acquire.

Jim, W8KGI

6228. RE: TOKO coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-06-30 13:17:25 UTC
From: Roger Kuchera
Topic: 6228 Message: 6228

Gentlemen,
The response to my question about TOKO coils has been great. I know the values of the coils used in the original article and I have several part numbers for them or very close equivalents of the TOKO 10K or 10EZ type. I'll try and run them down from sources you so kindly provided.

If there is any other information re: them, please let me know.

Thank you very much.

CUL, Roger/K1TG

6229. E-Bay Beehives

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-07 14:24:01 UTC
From: ve7sl@shaw.ca
Topic: 6229 Message: 6229

130725234782

6230. Wobbulator coils and parts info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-10 14:59:39 UTC
From: Roger Kuchera
Topic: 6230 Message: 6230

Gentlemen,
I can report that I have found a parts distributor in the UK who can supply all the parts necessary to build one the Wobbulators. I have no idea of the interest within the AWA but I'm passing this along.

They will supply coils or coils plus parts but no PC board. I just ordered the coils and parts. The distributor wants payment in GBP. Paypal makes paying easy as they do the conversions for you. Here is the price breakdown:

Coils only 9.50 GBP
Coils plus parts 26.40 GBP
Shipping 8.00 GBP

They also offer PC pins for construction. I plan on using a universal .100 center-to-center PC board and "flea" clips for mine.

The distributor can be contacted via: jabdog@...

I have no idea of their reliability. The original article mentions them, so they have been around for a bit.

Take care and stay well.

CUL, Roger/K1TG

6231. RE: [AWA Group] Wobbulator coils and parts info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-10 17:02:11 UTC
From: Mike Feher
Topic: 6230 Message: 6231

Roger -

I do not know why you need a Wobbulator, but, the WWII AN/APN-1 altimeters are readily available and have a nice complete Wobbulator assembly in them.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Tuesday, July 10, 2012 11:00 AM
To: AWAgroup@yahoogroups.com
Subject: [AWA Group] Wobbulator coils and parts info

Gentlemen,
I can report that I have found a parts distributor in the UK who can supply all the parts necessary to build one the Wobbulators. I have no idea of the interest within the AWA but I'm passing this along.

They will supply coils or coils plus parts but no PC board. I just ordered the coils and parts. The distributor wants payment in GBP. Paypal makes paying easy as they do the conversions for you. Here is the price breakdown:

Coils only 9.50 GBP
Coils plus parts 26.40 GBP
Shipping 8.00 GBP

They also offer PC pins for construction. I plan on using a universal .100 center-to-center PC board and "flea" clips for mine.

The distributor can be contacted via: jabdog@...
<mailto:jabdog%40blueyonder.co.uk>

I have no idea of their reliability. The original article mentions them, so they have been around for a bit.

Take care and stay well.

CUL, Roger/K1TG

6232. RE: [AWA Group] Wobbulator coils and parts info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-10 19:37:39 UTC
From: Roger Kuchera
Topic: 6230 Message: 6232

Hi Mike,
Thanks for the skinny on the altimeter. I'm sure it's huge. I estimate this thing will
come out about the size of a pound of butter. At any rate, I ordered a set of parts for it from the UK distributor. Take care and stay well.

CUL, Roger/K1TG

--- On Tue, 7/10/12, Mike Feher <n4fs@...> wrote:

From: Mike Feher <n4fs@eozinc.com>
Subject: RE: [AWA Group] Wobbulator coils and parts info
To: AWAGroup@yahoogroups.com
Date: Tuesday, July 10, 2012, 1:02 PM

Roger –

I do not know why you need a Wobbulator, but, the WWII AN/APN-1 altimeters are readily available and have a nice complete Wobbulator assembly in them. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Tuesday, July 10, 2012 11:00 AM
To: AWAgroup@yahoogroups.com
Subject: [AWA Group] Wobbulator coils and parts info

Gentlemen,
I can report that I have found a parts distributor in the UK who can supply all the parts necessary to build one the Wobbulators. I have no idea of the interest within the AWA but I'm passing this along.

They will supply coils or coils plus parts but no PC board. I just ordered the coils and parts. The distributor wants payment in GBP. Paypal makes paying easy as they do the conversions for you. Here is the price breakdown:

Coils only 9.50 GBP
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Shipping 8.00 GBP

They also offer PC pins for construction. I plan on using a universal .100 center-to-center PC board and "flea" clips for mine.

The distributor can be contacted via: jabdog@...

I have no idea of their reliability. The original article mentions them, so they have been around for a bit.

Take care and stay well.

CUL, Roger/K1TG

6233. RE: [AWA Group] Wobbulator coils and parts info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-10 20:01:17 UTC
From: Mike Feher
Topic: 6230 Message: 6233

Roger –

The one in the altimeter is essentially a speaker, where the cone is metallic and above it are two fixed plates. As modulation is applied to the VC, the capacitance changes between the plates, and then the system generates FM. If you like, I could take one of my altimeters apart, either for photos, or, just to send you the Wobbulator from it. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Tuesday, July 10, 2012 3:38 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Wobbulator coils and parts info

Hi Mike,

Thanks for the skinny on the altimeter. I'm sure it's huge. I estimate this thing will

come out about the size of a pound of butter. At any rate, I ordered a set of parts for

it from the UK distributor. Take care and stay well.

CUL, Roger/K1TG

--- On Tue, 7/10/12, Mike Feher <n4fs@...> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [AWA Group] Wobbulator coils and parts info
To: AWAGroup@yahoogroups.com
Date: Tuesday, July 10, 2012, 1:02 PM

Roger –

I do not know why you need a Wobbulator, but, the WWII AN/APN-1 altimeters are readily available and have a nice complete Wobbulator assembly in them. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Tuesday, July 10, 2012 11:00 AM
To: AWAgroup@yahoogroups.com
Subject: [AWA Group] Wobbulator coils and parts info

Gentlemen,
I can report that I have found a parts distributor in the UK who can supply all the parts necessary to build one the Wobbulators. I have no idea of the interest within the AWA but I'm passing this along.

They will supply coils or coils plus parts but no PC board. I just ordered the coils and parts. The distributor wants payment in GBP. Paypal makes paying easy as they do the conversions for you. Here is the price breakdown:

Coils only 9.50 GBP
Coils plus parts 26.40 GBP
Shipping 8.00 GBP

They also offer PC pins for construction. I plan on using a universal .100 center-to-center PC board and "flea" clips for mine.

The distributor can be contacted via: jabdog@...
<http://us.mc1845.mail.yahoo.com/mc/compose?to=jabdog%40blueyonder.co.uk>

I have no idea of their reliability. The original article mentions them, so they have been around for a bit.

Take care and stay well.

CUL, Roger/K1TG

6234. FS Millen 92200

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-10 21:18:15 UTC
From: RJ Mattson
Topic: 6234 Message: 6234

```
FS Millen 92200 Transmatch
2kw carrier, 8kw ssb
$299 or best offer.
Bringing to Sussex NJ Hamfest this Sunday.
No shipping.
bob...w2ami x wn2ami 1962
```

6235. RE: [AWA Group] FS Millen 92200

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-10 23:15:57 UTC
From: Louis Vermond
Topic: 6234 Message: 6235

mmmmmmmmmmmmmm

6236. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-11 15:22:05 UTC
From: Louis Vermond
Topic: 130 Message: 6236
Attachments: 1 described; binary payloads are missing from this source WARC

1950 & 1953 * QST AMATEUR RADIO RCA VICTOR CAMDEN NJ LIBRARY

http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=380453874257&ssPageName=ADME:B:SS:US:1123

6237. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-12 01:17:36 UTC
From: Eddy Swynar
Topic: 130 Message: 6237

Hi Lou,

Not too many years ago, the AWA Spring Meet had a whole BOOKSHELF of these RCA Camden bound reference QSTs, going all the way back to the early 20's...

The ones from the 20's were going for, I believe, $20.00 per tear, & those from the 30's were $10.00 per year, if I recall correctly.

In hindsight, I guess I shoulda bought them all---but I didn't need any of them for my own personal collection, so with some hesitation, I elected to pass on them all...

~73~ de Eddy VE3CUI - VE3XZ

On 2012-07-11, at 11:22 AM, Louis Vermond wrote:

>
> 1950 & 1953 * QST AMATEUR RADIO RCA VICTOR CAMDEN NJ LIBRARY
>
> http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=380453874257&ssPageName=ADME:B:SS:US:1123
>
>
>

6238. Some Gud News Anyway....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-12 23:47:52 UTC
From: Louis Vermond
Topic: 6238 Message: 6238

http://www.arrl.org/news/state-level-prb-1-law-now-on-the-books-in-illinois

6239. [AWA Group] Some Gud News Anyway

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-13 01:07:23 UTC
From: Eddy Swynar
Topic: 6238 Message: 6239

On 2012-07-12, at 7:47 PM, Louis Vermond wrote:

>
> http://www.arrl.org/news/state-level-prb-1-law-now-on-the-books-in-illinois
>
>

...For our American brethren, anyway.

Here in Canada our national regulator lacks the gonads to do what's right---if anything, they're going the exact OPPOSITE direction being taken Stateside, leaving the lowly Canadian Ham to twist slowly in the wind...

What a national disgrace.

Different story, of course, if you're a major player in the Canadian cellphone game: those insidious towers spring up everywhere like mushrooms after an autumn rain, sometimes in the most least expected of places, too...

~73~ de Eddy VE3CUI - VE3XZ

6240. That long...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-13 05:23:13 UTC
From: Louis Vermond
Topic: 6240 Message: 6240

141 Days

6241. Re: [AWA Group] That long...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-13 10:25:01 UTC
From: N1BUG
Topic: 6240 Message: 6241

141 Days

?

Boy, he's really tormented. Up in the middle of the night counting the days...

6242. Re: [AWA Group] That long...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-13 16:23:42 UTC
From: ve7sl@shaw.ca
Topic: 6240 Message: 6242

> 141 Days
>
>
> Boy, he's really tormented. Up in the middle of the night counting the
> days...

It's the B-K curse.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6243. July?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-15 20:55:45 UTC
From: Louis Vermond
Topic: 6243 Message: 6243

Anyone get their July issue yet? Lou

6244. eBay Alert Radio Mags

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-19 03:02:07 UTC
From: Louis Vermond
Topic: 6244 Message: 6244

http://www.ebay.com/sch/hydeaways/m.html?item=221073112159&viewitem=&sspagename=ADME%3AB%3ASS%3AUS%3A1123&rt=nc&_trksid=p4340.l2562

6245. Cool Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-22 13:17:26 UTC
From: Louis Vermond
Topic: 6245 Message: 6245

http://www.youtube.com/watch?v=neHreW-PNtw&feature=youtu.be

Sri...

6246. Re: [AWA Group] Cool Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-22 15:20:41 UTC
From: Roger Kuchera
Topic: 6245 Message: 6246

Love the "gassy" tubes in the lower door! :) :)

Coke!!!!!!!!!!!!!!! Egad! A couple of cases of Bud would be more like it.

CUL, Roger/K1TG

--- On Sun, 7/22/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] Cool Rig
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Sunday, July 22, 2012, 9:17 AM

http://www.youtube.com/watch?v=neHreW-PNtw&feature=youtu.be

Sri...

6247. Need a part

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-23 18:07:11 UTC
From: Roger Kuchera
Topic: 6247 Message: 6247

Gentlemen,
I am in the midst of restoring another piece of vintage gear. As was common in the day, the headphones complete the B plus circuit to the audio amp (or detector). I've never been thrilled with the idea of having B plus on the phones. I am looking for a small AF transformer (as small as possible) with a 10K to 2K ratio. The tube I am dealing with is a 76 (triode) with roughly 200 volts to the plate.

Hammond appears to make one but I can't find a dealer who handles the particular part (145N).

If there is anyone in the group who would be willing to part such a "part," I would be willing to pay or swap parts for it. A digital pix or description of the size would be helpful. Thanks.

CUL, Roger/K1TG

6248. RE: [AWA Group] Need a part

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-23 18:11:03 UTC
From: Mike Feher
Topic: 6247 Message: 6248

Roger -

You may simply be able to get away with using an appropriate value resistor from B+ to the plate, and then cap couple to the phones with the other end of the phones to ground. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Monday, July 23, 2012 2:07 PM
To: AWAgroup@yahoogroups.com
Subject: [AWA Group] Need a part

Gentlemen,
I am in the midst of restoring another piece of vintage gear. As was common in the day, the headphones complete the B plus circuit to the audio amp (or detector). I've never been thrilled with the idea of having B plus on the phones. I am looking for a small AF transformer (as small as possible) with a 10K to 2K ratio. The tube I am dealing with is a 76 (triode) with roughly 200 volts to the plate.

Hammond appears to make one but I can't find a dealer who handles the particular part (145N).

If there is anyone in the group who would be willing to part such a "part," I would be willing to pay or swap parts for it. A digital pix or description of the size would be helpful. Thanks.

CUL, Roger/K1TG

6249. Re: [AWA Group] Need a part

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-23 19:11:23 UTC
From: Leonard Meek
Topic: 6247 Message: 6249

AutomationPartsExpress.com lists them for $17 and says it takes from 6 - 10 days to ship. I don't know if that means they have them in stock. All the others say "special order." A 120/48 volt xfmr would get you close (12500/2000 ohms) Just a thought.

Leonard

----- Original Message -----
From: "Roger Kuchera" <rwkuchera@...>
To: <AWAgroup@yahoogroups.com>
Sent: Monday, July 23, 2012 8:07 AM
Subject: [AWA Group] Need a part

> Gentlemen,
> I am in the midst of restoring another piece of vintage gear. As
> was common in the day, the headphones complete the B plus circuit to
> the audio amp (or detector). I've never been thrilled with the idea of
> having B plus on the phones. I am looking for a small AF transformer
> (as small as possible) with a 10K to 2K ratio. The tube I am dealing
> with is a 76 (triode) with roughly 200 volts to the plate.
>
> Hammond appears to make one but I can't find a dealer who handles
> the particular part (145N).
>
> If there is anyone in the group who would be willing to part such
> a "part," I would be willing to pay or swap parts for it. A digital pix
> or description of the size would be helpful. Thanks.
>
> CUL, Roger/K1TG
>
>
> ----------
>
> Yahoo! Groups Links
>
>
>
>

6250. Review

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-23 20:44:05 UTC
From: Leonard Meek
Topic: 6250 Message: 6250

My Review (arrove? arrived? arriven?) came this morning, and it was in perfect condition. That's saying a lot out here on the frontier.

Leonard

6251. AWA Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-23 20:44:21 UTC
From: Eddy Swynar
Topic: 6090 Message: 6251

Hi Guys,

A coupla days ago, someone---Lou, maybe?---asked if the AWA JOURNAL had arrived at anyone's place yet...

Well, I'm happy to report that mine was in to-day's mail in this neck of the Great White (Hot!) North.

~73~ de Eddy VE3CUI - VE3XZ

6252. RE: [EXTERNAL EMAIL] :[AWA Group] AWA Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-23 22:32:47 UTC
From: Bauman, John
Topic: 6090 Message: 6252

Got mine Saturday.

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar [deswynar@xplornet.ca]
Sent: Monday, July 23, 2012 1:44 PM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :[AWA Group] AWA Journal

Hi Guys,

A coupla days ago, someone---Lou, maybe?---asked if the AWA JOURNAL had arrived at anyone's place yet...

Well, I'm happy to report that mine was in to-day's mail in this neck of the Great White (Hot!) North.

~73~ de Eddy VE3CUI - VE3XZ

6253. AWA JOURNAL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-24 01:40:29 UTC
From: Louis Vermond
Topic: 6253 Message: 6253

So they've arrived... good.

Would someone make make a hi-rez scan of my article and send it to me? ... please.

Lou

6254. Re: [AWA Group] AWA JOURNAL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-24 01:50:56 UTC
From: Bill Burns
Topic: 6253 Message: 6254

On 7/23/2012 9:40 PM, Louis Vermond wrote:
>
> So they've arrived... good.
> Would someone make make a hi-rez scan of my article and send it to me?
> ... please.
> Lou

Is that in the JOURNAL or the REVIEW?

Either way, the editor should be able to send you a PDF of your article
exactly as it appeared.

--
Bill

6255. RE: [AWA Group] AWA JOURNAL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-24 01:53:17 UTC
From: Mike Feher
Topic: 6253 Message: 6255

Lou -

I received the Review today and it is as always, a great issue. However, there is no paper in it by you. Maybe your article is in the OTB. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, July 23, 2012 9:40 PM
To: AWAGroup
Subject: [AWA Group] AWA JOURNAL

So they've arrived... good.

Would someone make make a hi-rez scan of my article and send it to me? ... please.

Lou

6256. Re: [AWA Group] AWA JOURNAL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-24 02:21:58 UTC
From: Louis Vermond
Topic: 6253 Message: 6256

Lou -

I received the Review today and it is as always, a great issue. However, there is no paper in it by you. Maybe your article is in the OTB.
73 - Mike

Yes Mike, the AWA Journal (OTB).

Bill, tks for the tip, but would still appreciate the Journal scan.

GN, Lou

6257. The rig on MGY

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-24 14:12:19 UTC
From: Roger Kuchera
Topic: 6257 Message: 6257

Gentlemen,
I received my Review on Friday (7/20). I've read the article re:
the rig on the RMS Titanic. My kudos to the authors! A scholarly work.
One of the best I've ever read. My hat is off to the learned gentlemen.

Roger/K1TG

6258. Review

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-24 15:04:23 UTC
From: Terry Hall
Topic: 6250 Message: 6258

I received my review in the mail yesterday, and I must confess that I did not know that this was one of the benefits of AWA membership. My bust. I should read more carefully. Anyway, I will enjoy it tremendously I am sure.

I look forward to the winter when I can get my Hartley back on the air. In this part of the country, 80 is so noisy during the summer. Who knows--I may try it sooner.

I am working on a 80 meter regenerative receiver from an article that I found in the QST archives. I am gathering parts now, and I will post photos when I finish.

All the best,
Terry KE5YUM

6259. Re: Need a part

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-24 17:19:29 UTC
From: JAMES HANLON
Topic: 6247 Message: 6259

Roger,

I'm looking in the Mouser catalog. Their stock number 42TL002-RC is listed as a "driver" transformer, 10K CT to 2K CT. It's made by Xicon, and it's a PC mount transformer with protuding pin leads on 0.1 inch centers. Transformer dimensions are 0.46 by 0.59 inches. Cost in my catalog is $1.45. It's rated at 75 mW max output.

Another is stock number 42TM002-RC. 10K CT to 2K CT, Xcon, PC mount, 0.63 by 0.79, pins on 0.14 centers. 200 mW max output. $1.89

Another is stock number 42TU002-RC. 10K CT to 2K CT, Xicon, PC mount, 0.75 by 0.98, pins on 0.16 centers, 400 mW max output, $2.57

You can find Mouser at www.mouser.com . They have no minimum order. I have used them many times and have always been satisfied.

Jim Hanlon, W8KGI

6260. Re: [AWA Group] Re: Need a part

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-24 19:49:28 UTC
From: Roger Kuchera
Topic: 6247 Message: 6260

Hi Jim,
     I guess I get myopic at times and don't check ll sources. I looked Tubesandmore, RadioDaze and Hammond. Thanks for the skinny, I'll have a look.

CUL, Roger/K1TG

--- On Tue, 7/24/12, JAMES HANLON <knjhanlon@...> wrote:

From: JAMES HANLON <knjhanlon@...>
Subject: [AWA Group] Re: Need a part
To: "AWA Group" <awagroup@yahoogroups.com>, rwkuchera@...
Date: Tuesday, July 24, 2012, 1:19 PM

Roger,

I'm looking in the Mouser catalog. Their stock number 42TL002-RC is listed as a "driver" transformer, 10K CT to 2K CT. It's made by Xicon, and it's a PC mount transformer with protuding pin leads on 0.1 inch centers. Transformer dimensions are 0.46 by 0.59 inches. Cost in my catalog is $1.45. It's rated at 75 mW max output.

Another is stock number 42TM002-RC. 10K CT to 2K CT, Xcon, PC mount, 0.63 by 0.79, pins on 0.14 centers. 200 mW max output. $1.89

Another is stock number 42TU002-RC. 10K CT to 2K CT, Xicon, PC mount, 0.75 by 0.98, pins on 0.16 centers, 400 mW max output, $2.57

You can find Mouser at www.mouser.com . They have no minimum order. I have used them many times and have always been satisfied.

Jim Hanlon, W8KGI

6261. KE5YUM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-25 00:13:39 UTC
From: Louis Vermond
Topic: 6261 Message: 6261

Hi Terry,

Which issue please? 73, Lou

I am working on a 80 meter regenerative receiver from an article that I found in the QST archives. I am gathering parts now, and I will post photos when I finish.

All the best,
Terry KE5YUM

6262. Re: [AWA Group] KE5YUM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-25 00:57:31 UTC
From: Daniel Petersen
Topic: 6261 Message: 6262

I am working on a 80 meter regenerative receiver from an article that I found in the QST archives. I am gathering parts now, and I will post photos when I finish.

*Hi Terry:
Yes, which issue?
73,
Dan - W7OIL*

6263. Re: [AWA Group] KE5YUM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-25 19:11:35 UTC
From: Terry Hall
Topic: 6261 Message: 6263

Hello guys. I am sorry for the delay.

I typed "a simple receiver how to become a radio amateur" into google and it took me to an ARRL page on simple receivers. This is the one with the 3S4 tube and you can wind coils for 40/80. Send me an email and I will send you the link. Terry

--- In AWAGroup@yahoogroups.com, Daniel Petersen <dan.w7oil@...> wrote:
>
> *I am working on a 80 meter regenerative receiver from an article that I
> found in the QST archives. I am gathering parts now, and I will post photos
> when I finish.*
>
>
> *Hi Terry:
> Yes, which issue?
> 73,
> Dan - W7OIL*
>

6264. Re: [AWA Group] KE5YUM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-25 21:14:33 UTC
From: Robert S Jenkins
Topic: 6261 Message: 6264

Hello Terry,

I would love to read this link.

Thank you

Robert
KG4KGL

Sent from my iPhone

On Jul 25, 2012, at 15:11, "Terry Hall" <adaairport@cableone.net> wrote:

> Hello guys. I am sorry for the delay.
>
> I typed "a simple receiver how to become a radio amateur" into google and it took me to an ARRL page on simple receivers. This is the one with the 3S4 tube and you can wind coils for 40/80. Send me an email and I will send you the link. Terry
>
> --- In AWAGroup@yahoogroups.com, Daniel Petersen <dan.w7oil@...> wrote:
>>
>> *I am working on a 80 meter regenerative receiver from an article that I
>> found in the QST archives. I am gathering parts now, and I will post photos
>> when I finish.*
>>
>>
>> *Hi Terry:
>> Yes, which issue?
>> 73,
>> Dan - W7OIL*
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

6265. Re: [AWA Group] KE5YUM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-26 01:58:17 UTC
From: Daniel Petersen
Topic: 6261 Message: 6265

Thank you Terry! Believe it or not I remember this one from my jaded youth!
73,
Dan - W7OIL
==========

On Wed, Jul 25, 2012 at 2:14 PM, Robert S Jenkins <
robert.s.jenkins@...> wrote:

> **
>
>
> Hello Terry,
>
> I would love to read this link.
>
> Thank you
>
> Robert
> KG4KGL
>
> Sent from my iPhone
>
>
> On Jul 25, 2012, at 15:11, "Terry Hall" <adaairport@...> wrote:
>
> > Hello guys. I am sorry for the delay.
> >
> > I typed "a simple receiver how to become a radio amateur" into google
> and it took me to an ARRL page on simple receivers. This is the one with
> the 3S4 tube and you can wind coils for 40/80. Send me an email and I will
> send you the link. Terry
> >
> > --- In AWAGroup@yahoogroups.com, Daniel Petersen <dan.w7oil@...> wrote:
> >>
> >> *I am working on a 80 meter regenerative receiver from an article that I
> >> found in the QST archives. I am gathering parts now, and I will post
> photos
> >> when I finish.*
> >>
> >>
> >> *Hi Terry:
> >> Yes, which issue?
> >> 73,
> >> Dan - W7OIL*
> >>

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> >
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> > ------------------------------------
> >
> > Yahoo! Groups Links
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6266. eBay 210 Alert "Brass Pins"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-27 12:15:25 UTC
From: Louis Vermond
Topic: 6266 Message: 6266
Attachments: 1 described; binary payloads are missing from this source WARC

No questionable Kelley compromise here...
Antique RCA Radiotron Tube Model UX-210 in Orig Box NOS 7.5 Watt
http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=180938529622&ssPageName=ADME:B:SS:US:1123

6267. AWA REVIEW

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-28 14:11:31 UTC
From: Eddy Swynar
Topic: 6267 Message: 6267

Hi Guys,

I've just returned from the local post office here, with my copy of the latest & greatest AWA REVIEW in tow...

What a wonderful edition it is---and it was mailed via "Priority Post", too! I've only had a few moments to scan through it so far, but the contents sure are enticing & have galvanized my interest---especially the tale of the Titanic wireless station.

To WHOMEVER it is who benefits us AWA members with this annual gift, I express my heartfelt thanks! It is MUCH appreciated here, & has certainly become an annual "event" to look forward to with considerable anticipation...

~73~ de Eddy VE3CUI - VE3XZ

6268. Want To Buy...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-28 20:55:26 UTC
From: Eddy Swynar
Topic: 6268 Message: 6268

Hi Guys,

A long shot, for sure, but does anyone reading this have---or may be aware of the availability of---a Collins 75A2 receiver...?

This is for a friend who is presently off-line: please feel free to respond directly to me, with thanks in advance...

~73~ de Eddy VE3CUI - VE3XZ

6269. [Fwd: [AWA] NEW MUSEUM. HAVE YOU MADE A DONATION ? A MODEST PROPOSAL....]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-29 13:48:34 UTC
From: ne1s@securespeed.us
Topic: 6269 Message: 6269
Attachments: 1 described; binary payloads are missing from this source WARC

Passing this along from the "other AWA list.

73,
-Larry/NE1S

---------- Original Message ----------
Subject: [AWA] NEW MUSEUM. HAVE YOU MADE A DONATION ? A MODEST PROPOSAL....
From: "Roy Wildermuth" <w3rlw@...>
Date: Sat, July 28, 2012 11:08 pm
To: antiquewirelessassociation@yahoogroups.com
---

am writing this as a fellow member of the AWA not in any official capacity. The opinions expressed are strictly my own.

Every week I am impressed by the volunteers at The AWA Museum. They all work their butts off getting this New First Line Museum together. I realize a lot of you have not been able to make the trip to Rochester to see the progress on the endeavor. The amount of work that has been put into this is really impressive. But they can not do it alone. The adverse economic conditions have hit everyone hard and The AWA has not been immune. The success of the New Museum is not just dependent on hard work by volunteers. Donations are needed as well. The AWA is a unique organization and the Museum promises to be a unique entity in that a major portion of it's knowledge base has been provided by members of The AWA itself. In many ways, we not only conserve and display history, we have participated in history.

My wife and I have donated to the Museum because we believe in it and I am asking you all to consider making a gift yourself. I want to make sure that not only the artifacts but also our own knowledge base, such as the AWA Review, are available to future generations.

In the past, we always had to pay for the Review. Most of us did without reservation, Now,it is free. Because someone has made a donation. Why not consider sending that $20.00 to The AWA Museum Development fund.

6270. FY Entertainment Fondazion Scienza e Tecnica

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-29 19:51:07 UTC
From: Louis Vermond
Topic: 6270 Message: 6270

Sample: http://www.sis.org.uk/resources/scientific-instruments-in-action/133-luminous-tube-and-fulminating-pane

Beginning: http://www.sis.org.uk/resources/scientific-instruments-in-action

6271. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-30 11:57:36 UTC
From: Louis Vermond
Topic: 130 Message: 6271

1923 & 1929 QST Magazine Bound Issues [With Covers!!] Amatuer Ham American Radio Relay League

http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=330771471230&ssPageName=ADME:B:SS:US:1123

6272. Oops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-30 23:44:25 UTC
From: Louis Vermond
Topic: 6272 Message: 6272

http://www.youtube.com/watch?v=U8PLDqqdpu0&feature=related

6273. Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-30 23:48:46 UTC
From: Bill Stewart
Topic: 3957 Message: 6273

Has anyone received the latest Journal?

I got the Review last week, which by the way is a great issue.

Bill, K4JYS

6274. Re: [AWA Group] Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-31 12:23:56 UTC
From: ne1s@securespeed.us
Topic: 3957 Message: 6274

```
>
>
> Has anyone received the latest Journal?
>
> I got the Review last week, which by the way is a great issue.
>
> Bill, K4JYS
>

Hi Bill,

My Journal and Review arrived here on the same day sometime last week.

73,
-Larry/NE1S
```

6275. RE: [AWA Group] Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-31 12:28:30 UTC
From: Mike Feher
Topic: 3957 Message: 6275

I have yet to receive the Journal myself. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of ne1s@...
Sent: Tuesday, July 31, 2012 8:24 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Journal

>
>
> Has anyone received the latest Journal?
>
> I got the Review last week, which by the way is a great issue.
>
> Bill, K4JYS
>

Hi Bill,

My Journal and Review arrived here on the same day sometime last week.

73,
-Larry/NE1S

6276. Re: [AWA Group] Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-07-31 17:44:22 UTC
From: Bill Stewart
Topic: 3957 Message: 6276

Mike & Larry, tnx. I look forward to the AWA pubs and Electric Radio.

73, Bill K4JYS

----- Original Message -----

I have yet to receive the Journal myself. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ne1s@...
Sent: Tuesday, July 31, 2012 8:24 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Journal

>
>
> Has anyone received the latest Journal?
>
> I got the Review last week, which by the way is a great issue.
>
> Bill, K4JYS
>

Hi Bill,

My Journal and Review arrived here on the same day sometime last week.

73,
-Larry/NE1S

6277. eBay Alert NOT to late!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-03 01:58:19 UTC
From: Louis Vermond
Topic: 6277 Message: 6277

http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=110924490382&ssPageName=ADME:B:SS:US:1123

Vortex bound?

6278. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-04 07:13:43 UTC
From: Louis Vermond
Topic: 130 Message: 6278

2 Cunningham CX-371A

http://www.ebay.com/itm/2-Cunningham-CX-371A-71A-globe-balloon-matching-date-pair-UX171A-UX-171A-eq-/280933210628?pt=Vintage_Electronics_R2&hash=item4168ec9a04

Two Cunningham CX-371A, #71A tubes with the globe/balloon glass envelope. Engraved bases. These are of course exact equivalents to the UX-171A/UX171A, 171A, 71A tubes. Used and tested on a Hickok TV-3 military tester that has been calibrated. Firm bases, excellent silvering. Tubes are matched for dynamic gain- test at 1925, 1900 where pass/fail is 1040 micromho. Actual new in box 71A tubes test as these do (1900 +/- 50), on my tester. The tubes have the exact same structure inside and out.

119

6279. Help find Canadian bush radio.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-04 23:27:30 UTC
From: john_kb7nrn
Topic: 6279 Message: 6279

To my Candian radio brothers (and all other interested parties).

I'm looking for a Canadian made bush radio. These are HF radios at 10w out and are usually USB. Brands and models I know of are Spilsbury SBX-11, Danmax SSB-1 and Com-O-Pac. There may have been other mfgs but these are the ones I've seen.

I would like to get one in good working order. Two SSB-1 sets just sold on Ebay for $100 ea + shipping so that's the most I'd like to spend.

If you know of anyone that has one of these radios and would like to part with it please let me know. I'd like to put it on 60mtrs.

Thanks,
John
KB7NRN

6280. FYI !!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-08 20:14:18 UTC
From: Louis Vermond
Topic: 6280 Message: 6280

http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=230834638562&ssPageName=ADME:B:FSEL:US:1123

6281. Re: [AWA Group] FYI !!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-08 21:58:11 UTC
From: Jim Robson
Topic: 6280 Message: 6281

Chromed?
Jim/VE3BHK

On 08/08/12 4:14 PM, Louis Vermond wrote:
>
> http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=230834638562&ssPageName=ADME:B:FSEL:US:1123
> <http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=230834638562&ssPageName=ADME:B:FSEL:US:1123>
>

6282. Re: [AWA Group] FYI !!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-08 21:59:25 UTC
From: Eddy Swynar
Topic: 6280 Message: 6282

On 2012-08-08, at 4:14 PM, Louis Vermond wrote:

>
> http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=230834638562&ssPageName=ADME:B:FSEL:US:1123
>
>

Sweet...!

~73~ de Eddy VE3CUI - VE3XZ

6283. Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-08 22:34:27 UTC
From: Leonard Meek
Topic: 3957 Message: 6283

I got my journal yesterday in Hawaii.

6284. Re: [AWA Group] FYI !!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-08 22:56:12 UTC
From: Louis Vermond
Topic: 6280 Message: 6284

U bet!

----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: 2012-08-08 5:58 PM
Subject: Re: [AWA Group] FYI !!!

Chromed?
Jim/VE3BHK

On 08/08/12 4:14 PM, Louis Vermond wrote:

http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=230834638562&ssPageName=ADME:B:FSEL:US:1123

6285. Re: [AWA Group] FYI !!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-09 00:02:26 UTC
From: Jim Robson
Topic: 6280 Message: 6285

Well, it's possible:
http://mb.nawcc.org/showthread.php?22017-Chrome-Plating-invented 73/Jim
>
> U bet!
>
> ----- Original Message -----
> *From:* Jim Robson <mailto:nc101x@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2012-08-08 5:58 PM
> *Subject:* Re: [AWA Group] FYI !!!
>
> Chromed?
> Jim/VE3BHK
>
> On 08/08/12 4:14 PM, Louis Vermond wrote:
>
>> http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=230834638562&ssPageName=ADME:B:F
SEL:US:1123
>> <http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=230834638562&ssPageName=ADME:B:
FSEL:US:1123>
>
>

6286. Bruce Kelly 1929 QSO Party 160 Meter Band Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-10 17:45:23 UTC
From: whitebear1122@comcast.net
Topic: 6286 Message: 6286

Guys, I am writing up the article for the upcoming Bruce Kelly 1929 QSO Party in December. This year the event is adding 1 60 meters to the line up. For the article I need to state the range. Eddy suggested I start with the Linc Cundall range of 1800 to 1820 and possibly expand it.

I've heard there is a DX window down there somewhere and I don't know what other 'gentlemens agreements'. Is the Linc Cundall 1800 to 1820 Kcs adequate? Can I run with that?

For 40 meters this year we're listing the entire Novice band of 7100 to 7125. Last year we had specified a smaller range in the Novice band and it was jammed with 29 signals. Many people asked if we could expand the range to include the whole Novice band. Yes, so I will reflect that as well in the upcoming article .

73, Scott WA9WFA

6287. RE: [AWA Group] Bruce Kelly 1929 QSO Party 160 Meter Band Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-10 18:11:02 UTC
From: Steve Flood
Topic: 6286 Message: 6287

DX activity seems to concentrate 1815 – 1835 with a little activity on either side but not much.

I might suggest 1800-1810, or perhaps 1850-1860 to stay well clear if that is the intention.

When is the B-K this year?? The ARRL 160 contest is Nov. 30 – Dec. 1

Steve KK7UV

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of whitebear1122@...
Sent: Friday, August 10, 2012 11:45 AM
To: AWAGroup@yahoogroups.com; Group, AWA
Subject: [AWA Group] Bruce Kelly 1929 QSO Party 160 Meter Band Question

Guys, I am writing up the article for the upcoming Bruce Kelly 1929 QSO Party in December. This year the event is adding 160 meters to the line up. For the article I need to state the range. Eddy suggested I start with the Linc Cundall range of 1800 to 1820 and possibly expand it.

I've heard there is a DX window down there somewhere and I don't know what other 'gentlemens agreements'. Is the Linc Cundall 1800 to 1820 Kcs adequate? Can I run with that?

For 40 meters this year we're listing the entire Novice band of 7100 to 7125. Last year we had specified a smaller range in the Novice band and it was jammed with 29 signals. Many people asked if we could expand the range to include the whole Novice band. Yes, so I will reflect that as well in the upcoming article.

73, Scott WA9WFA

6288. Re: [AWA] Bruce Kelly 1929 QSO Party 160 Meter Band Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-10 18:25:02 UTC
From: ve7sl@shaw.ca
Topic: 6288 Message: 6288

I think we should not go any higher than 1820 and perhaps even suggest 1810 as the 'watering hole'. At that time of the year, there is often CW DX right down towards 1815-1820 although it usually stays higher in the band. As well, it should be easier to find those weak '29 ers and their improvised 160m antennas if we concentrate in a smaller region.

I'm not even sure of the dates for this year as the AWA has seen fit to remove all references to Amateur Radio operating events from their website...nice one guys!

In any event, the first weekend may conflict with the ARRL 160m contest unless things have changed so you may wish to confirm if this is the case. If so, I would further suggest that any BK topband activity take place on the second weekend only.

Closer to contest time, we might also discuss perhaps meeting on 160 at a certain time slot as I'm sure many BK ops will be reluctant to leave 80 or 40m activities for too long....so a short QSY to the 160m operating window when we know that chances are optimized, might work out well. I really hope that there is good support on 160 for the BK.

For those needing coil data, there is some great stuff on the AWAGroup Files page. I know when I put my Hull Hartley on 160, it sounded like a Collins and with increased output to boot, so the notes down there should sound very un-'29 like....sorry Lou.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6289. Re: [AWA Group] Bruce Kelly 1929 QSO Party 160 Meter Band Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-10 18:28:07 UTC
From: N1BUG
Topic: 6286 Message: 6289

My $.02 worth...

Much depends on what propagation and atmospheric noise is like on a particular night. Here in the east, if both factors are favorable, 1810 to 1835 will be crammed with DX and big guns trying to work it, at least until after sunrise in Europe. Above 1835 will be full of digital modes and SSB. The only safe territory around here is 1800 to 1810. Personally (with my background in 160 DXing) I wouldn't be comfortable operating above 1810 in the BK regardless of what the rules or guidelines say. So, if I'm on, I won't be operating above 1810.

Note: This year, with solar activity up, propagation and the level of DX activity on 160 is likely to be down from the past several years. But one never knows anything for certain with this band.

73,
Paul N1BUG

On 08/10/2012 01:45 PM, whitebear1122@... wrote:

Guys, I am writing up the article for the upcoming Bruce Kelly 1929 QSO Party in December. This year the event is adding 160 meters to the line up. For the article I need to state the range. Eddy suggested I start with the Linc Cundall range of 1800 to 1820 and possibly expand it.

I've heard there is a DX window down there somewhere and I don't know what other 'gentlemens agreements'. Is the Linc Cundall 1800 to 1820 Kcs adequate? Can I run with that?

For 40 meters this year we're listing the entire Novice band of 7100 to 7125. Last year we had specified a smaller range in the Novice band and it was jammed with 29 signals. Many people asked if we could expand the range to include the whole Novice band. Yes, so I will reflect that as well in the upcoming article.

73, Scott WA9WFA

6290. Re: [AWA] Bruce Kelly 1929 QSO Party 160 Meter Band Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-12 19:39:19 UTC
From: whitebear1122@comcast.net
Topic: 6288 Message: 6290

Thanks guys for all your input and comments on the 160 meter watering hole. Lets just go with 1800-1810 to start with. I know it goes without saying, but I'll say it, we can operate above 1810 if we choose. I'm not checking logs for 'out of window' operation. hi hi I always listen above and below the AWA window on 80 and 40 anyway, working whatever 1929 station I hear. I haven't been on 160m for 10-15 years so I'll be fun putting our 1929 stations on the air down close to where ham radio really started for us, 200 meters.

I've got the bug to build a new transmitter this year, one with enough coil space to handle a 160m copper tube coil, and just enough 1929 'charm' to sound nostalgic but not get me a zillion OO cards. I've got a couple 211 tubes that are itching to be put on the air.

By the way, yesterday morning I was on the air with my 1929 push-pull Colpitts on 80m cw. There is a group of guys that get on 3562 cw every Saturday morning for some glow worm activity. I was hearing WA8DOF in Michigan and WB9WHG in Madison Wisconsin, besides the MN guys.

I don't have the AWA calendar in front of me but the BK 1929 is the first two weekends in December, so Dec 1/2 and 8/9. I'll take a look on the AWA website for dates. I'm surprised that QSO Party dates aren't up there as soon as they are known. Usually my write up is put up on the Website, along with log sheets. I don't know if the Journal is going to publish the write up like in the past so we may be to go to the web to get all the info.

I'm looking forward to working you guys again this year!
73, Scott WA9WFA

6291. Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-12 19:45:01 UTC
From: whitebear1122@comcast.net
Topic: 6286 Message: 6291

I know a few of the 1929'ers are using period regenerative receivers during the BK 1929 qso party. I wonder if any of you guys are planning to.

While using an SW-5 or regen will make it tougher, and I would likely end up with a score more like 15 or 20 instead of 55, it is intriguing to thing about using a fully period station.

Do any of you guys have a 20's/30's regen design whose performance makes your socks go up and down?

73, Scott WA9WFA

6292. Re: [AWA Group] Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-12 19:53:39 UTC
From: Eddy Swynar
Topic: 6286 Message: 6292

On 2012-08-12, at 3:45 PM, whitebear1122@... wrote:

>
> I know a few of the 1929'ers are using period regenerative receivers during the BK 1929 qso party. I wonder if any of you guys are planning to.
>
> While using an SW-5 or regen will make it tougher, and I would likely end up with a score more like 15 or 20 instead of 55, it is intriguing to thing about using a fully period station.
>
> Do any of you guys have a 20's/30's regen design whose performance makes your socks go up and down?
>

Hi Scott,

I think that ANYONE using a regen receiver in the event is deserving of any & all platitudes for their fortitude!!!

I tried it once years ago---5 minutes was enough to convince me to switch to a modern superhet...but my hat sure is doffed in the direction of those stalwart souls who can do it! I sure can't, & I'll be the first to admit it, too!

~73~ de Eddy VE3CUI - VE3XZ

6293. Re: [AWA Group] Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-12 19:59:30 UTC
From: ve7sl@shaw.ca
Topic: 6286 Message: 6293

> Do any of you guys have a 20's/30's regen design whose performance makes
> your socks go up and down?

I have a really nice SW-3 that I wound a 160m coil set for. Surprisingly the first station I heard on 160 with it was a UA1, just at my sunset, a couple of Decembers ago. The darn thing is very sensitive down there but I won't be using it in the BK. Out west, it's enough of a struggle to work anything to the east and using a regen would just make things ten times harder! I have come to respect just how much work and patience the boy's of '29 must have had to endure....every QSO was a real achievement for them I'll bet.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6294. Re: [AWA Group] Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-13 11:27:24 UTC
From: ne1s@securespeed.us
Topic: 6286 Message: 6294

```
>
> On 2012-08-12, at 3:45 PM, whitebear1122@... wrote:
>
>>
>> I know a few of the 1929'ers are using period regenerative receivers
>> during the BK 1929 qso party. I wonder if any of you guys are planning
>> to.
>>
>> While using an SW-5 or regen will make it tougher, and I would likely
>> end up with a score more like 15 or 20 instead of 55, it is intriguing
>> to thing about using a fully period station.
>>
>> Do any of you guys have a 20's/30's regen design whose performance makes
>> your socks go up and down?
>>
>
```

I usually use my SW-3 when operating 160M CW in the Linc Cundall. Not period, as it's ca. 1932 - but almost! I'll start out using it, at least, for the 2012 BK 160M operation, and see how it goes. Biggest PIA is the time it takes to get the XMTR and RCVR on the same frequency, or nearly so, because the strong local signal from the XMTR blocks the regenerative detector. I use a "third party," which is my LM-5 frequency meter (definitely a "mod" device, being WWII vintage).

73,
-Larry/NE1S

6295. eBay Alert ARRL 50th

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-13 14:24:59 UTC
From: Louis Vermond
Topic: 6295 Message: 6295

ARRL 50th Anniversary year. Each month having a featured article on the history of ARRL & US ham radio. Excellent resource....
12 1964 QST Amateur Radio Magazines Issues Tube Shortwave Electronics Vintage
http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=300761672413&ssPageName=ADME:B:SS:US:1123

6296. Re: [AWA Group] eBay Alert ARRL 50th

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-13 14:35:24 UTC
From: Eddy Swynar
Topic: 6295 Message: 6296

Hi Lou,

If you buy yourself an old copy of "50 YEARS OF ARRL" you'll have ALL of the 50th anniversary stuff that's in those QSTs reprinted into a single source, book edition...

...And it IS FB reading material, too!

~73~ de Eddy VE3CUI - VE3XZ

On 2012-08-13, at 10:24 AM, Louis Vermond wrote:

>
> ARRL 50th Anniversary year. Each month having a featured article on the history of ARRL & US ham radio. Excellent resource....
> 12 1964 QST Amateur Radio Magazines Issues Tube Shortwave Electronics Vintage
>
> http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=300761672413&ssPageName=ADME:B:SS:US:1123
>
>

6297. de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-13 14:36:57 UTC
From: Roger Kuchera
Topic: 136 Message: 6297

Gentlemen,
I wondering about an order I placed to the UK. It's over a month now and the only notice
I have from there is a debit on my PayPal account. Is it normal for long order times? The outfit in question is "jabdog." Comments?

CUL, Roger/K1TG

6298. Re: [AWA Group] de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-13 14:46:03 UTC
From: Eddy Swynar
Topic: 136 Message: 6298

Hi Roger,

There's a VERY proficient scammer from 'over 'ome who regularly combs the want ads on-line---constantly "phishing".

I hope you're not his latest victim!

~73~ de Eddy VE3CUI - VE3XZ

On 2012-08-13, at 10:36 AM, Roger Kuchera wrote:

>
> Gentlemen,
> I wondering about an order I placed to the UK. It's over a month now and the only notice
> I have from there is a debit on my PayPal account. Is it normal for long order times? The
> outfit in question is "jabdog." Comments?
>
> CUL, Roger/K1TG
>
>

6299. Re: [AWA Group] de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-13 19:58:42 UTC
From: Louis Vermond
Topic: 136 Message: 6299

http://jabdog.com/ ....Not likley.

Call him, Roger. Lou

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-08-13 10:46 AM
Subject: Re: [AWA Group] de K1TG

Hi Roger,

There's a VERY proficient scammer from 'over 'ome who regularly combs the want ads on-line---constantly "phishing".

I hope you're not his latest victim!

~73~ de Eddy VE3CUI - VE3XZ

On 2012-08-13, at 10:36 AM, Roger Kuchera wrote:

Gentlemen,
I wondering about an order I placed to the UK. It's over a month now and the only notice I have from there is a debit on my PayPal account. Is it normal for long order times? The outfit in question is "jabdog." Comments?

CUL, Roger/K1TG

6300. Re: [AWA Group] Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-14 02:01:09 UTC
From: whitebear1122@comcast.net
Topic: 6286 Message: 6300

Tnx Larry. I know KB0ROB uses his hb regen throughout the year and he uses a BC221 frequency meter to get both on frequency. I can imagine it takes alot of time to coordinate both. I have an original frequency meter from the late 20's that a friend gave me. It's built in a wooden box that is copper lined on the inside. It uses a single 24A. I have not restored it but it will be my frequency meter one day, although a bc-221 or LM would likely be alot better.

I have both an SW-3 and SW-5 although I've never used them on the air. KB0ROB lives in the toolies in Minnesota where there is little noise and lots of space for a big A loop antenna.
73, Scott WA9WFA
----- Original Message -----
From: ne1s@...
To: AWAGroup@yahoogroups.com
Sent: Monday, August 13, 2012 6:27:24 AM
Subject: Re: [AWA Group] Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

I usually use my SW-3 when operating 160M CW in the Linc Cundall. Not period, as it's ca. 1932 - but almost! I'll start out using it, at least, for the 2012 BK 160M operation, and see how it goes. Biggest PIA is the time it takes to get the XMTR and RCVR on the same frequency, or nearly so, because the strong local signal from the XMTR blocks the regenerative detector. I use a "third party," which is my LM-5 frequency meter (definitely a "mod" device, being WWII vintage).

73,
-Larry/NE1S

Yahoo! Groups Links

6301. Re: [AWA Group] Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-14 02:19:05 UTC
From: whitebear1122@comcast.net
Topic: 6286 Message: 6301

Yes it is easy to get smug with our clean sounding 29 transmitters but I do often remind myself that I'm sitting here with a voltmeter, oscilloscope, frequency counter, digital dvm so I know exactly what my power, voltage, and frequency is, while the 29 ham had little or no test equipment, and was lucky to get a transmitter in band much less on a specific frequency. I use a nice temperature controlled soldering iron for the connections while they used some huge chunk of metal soldering iron heated on a stove. I have a modern superhet receiver (75A--4) while the 29 ham had a single tube or two tube regen. Plus I have a nice Heathkit regulated hv variable supply while the 20's ham was often raw AC, rectified DC if they were lucky, and might have had up to 4 mfd filtering if they were really lucky. My tube cost maybe $30 while the 29 ham's tube might have been a weeks salary. So when I get those smug feelings, I just remember how incredible those 29 hams were to be on the air. 73, Scott WA9WFA

----- Original Message -----
From: ve7sl@shaw.ca
To: AWAGroup@yahoogroups.com
Sent: Sunday, August 12, 2012 2:59:30 PM
Subject: Re: [AWA Group] Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

I have a really nice SW-3 that I wound a 160m coil set for. Surprisingly the first station I heard on 160 with it was a UA1, just at my sunset, a couple of Decembers ago. The darn thing is very sensitive down there but I won't be using it in the BK. Out west, it's enough of a struggle to work anything to the east and using a regen would just make things ten times harder! I have come to respect just how much work and patience the boy's of '29 must have had to endure....every QSO was a real achievement for them I'll bet.

6302. Re: Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-14 03:11:59 UTC
From: Niel - W0VLZ
Topic: 6286 Message: 6302

Lacking a BC-221 I've resorted to my HF xcvr to get both my TNT and SW-3 on frequency but most any receiver that isn't overloaded by the transmitter can be used for getting a regen and a '29 transmitter on frequency. The modern radio also functions as a signal monitor during the contest.

See my video at http://www.youtube.com/watch?feature=player_embedded&v=ym4j5AdXysY#! starting about 2 1/2 minutes into it.

For the entire demo go to http://www.prismnet.com/~nielw/1929Stn/1929Station.htm

73,
Niel - W0VLZ

--- In AWAGroup@yahoogroups.com, whitebear1122@... wrote:
>
> Tnx Larry. I know KB0ROB uses his hb regen throughout the year and he uses a BC221 frequency meter to get both on frequency. I can imagine it takes alot of time to coordinate both. I have an original frequency meter from the late 20's that a friend gave me. It's built in a wooden box that is copper lined on the inside. It uses a single 24A. I have not restored it but it will be my frequency meter one day, although a bc-221 or LM would likely be alot better.
>

6303. Re: [AWA Group] Re: Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-15 13:31:17 UTC
From: ne1s@securespeed.us
Topic: 6286 Message: 6303

> See my video at
> http://www.youtube.com/watch?feature=player_embedded&v=ym4j5AdXysY#!
> starting about 2 1/2 minutes into it.
>
> For the entire demo go to
> http://www.prismnet.com/~nielw/1929Stn/1929Station.htm
>
> 73,
> Niel - W0VLZ
>

Excellent videos, Neil - I just watched all 4 from the 2nd link above.
Nice job. And nice fist!

73,
-Larry/NE1S

6304. Re: [AWA Group] Re: Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-15 13:58:30 UTC
From: Eddy Swynar
Topic: 6286 Message: 6304

Hi Niel,

I second Larry's comment---VERY nice fist, indeed! Congrats...

Looks like you're using a regen receiver there: how do you monitor your own signal...? Is that a separate audio oscillator you're listening to when you're on the air, or have you found a way to "tame" that regen enough to listen to yourself that well, AND for it to return to listening-to-the-other-guy mode when you're done...?

That--to me---is the biggest bugaboo in using a regen in my '29 set-up here...

~73~ de Eddy VE3CUI - VE3XZ

On 2012-08-15, at 9:31 AM, ne1s@... wrote:

>
> > See my video at
> > http://www.youtube.com/watch?feature=player_embedded&v=ym4j5AdXysY#!
> > starting about 2 1/2 minutes into it.
> >
> > For the entire demo go to
> > http://www.prismnet.com/~nielw/1929Stn/1929Station.htm
> >
> > 73,
> > Niel - W0VLZ
> >
>
> Excellent videos, Neil - I just watched all 4 from the 2nd link above.
> Nice job. And nice fist!
>
> 73,
> -Larry/NE1S
>
>

6305. RE: My order to the UK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-15 16:47:48 UTC
From: Roger Kuchera
Topic: 6305 Message: 6305

GA Gentlemen,
This is just a heads up re: the parts I ordered from "JABDOG" in the UK. They arrived yesterday, Aug. 14th, in good order. That makes it 34 days from the order date. I would say that is excellent service!
My previous communication may not have been evident as a question. I don't deal with "Old Blimey" very often.

Your patience is appreciated.

CUL, Roger/K1TG

6306. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-15 20:15:13 UTC
From: Louis Vermond
Topic: 130 Message: 6306

$600/23 bids.... How is this possible?!
2 vintage NOS NIB Western Electric 205F tubes -tested-matched- 205D
http://www.ebay.com/itm/2-vintage-NOS-NIB-Western-Electric-205F-tubes-tested-matched-205D-/350586542574?_trksid=p4340.m1374&_trkparms=algo%3DUPI.GIROS%26its%3DI%252BC%252BS%26itu%3DUCI%252BUCC%26otn%3D11%26pmod%3D160865164097%26ps%3D63%26clkid%3D1350692125383120100

6307. RE: [EXTERNAL EMAIL] :[AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-15 20:54:59 UTC
From: Bauman, John
Topic: 130 Message: 6307

Easy when stupidity abounds in the word of audiophoolery!

$600/23 bids.... How is this possible?!
2 vintage NOS NIB Western Electric 205F tubes -tested-matched- 205D
http://www.ebay.com/itm/2-vintage-NOS-NIB-Western-Electric-205F-tubes-tested-matched-205D-/350586542574?_trksid=p4340.m1374&_trkparms=algo%3DUPI.GIROS%26its%3DI%252BC%252BS%26itu%3DUCI%252BUCC%26otn%3D11%26pmod%3D160865164097%26ps%3D63%26clkid%3D1350692125383120100

6308. Re: [AWA Group] Re: Bruce Kelly 1929 QSO Party - Are you Using a 1929 Receiver?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-15 20:59:24 UTC
From: Louis Vermond
Topic: 6308 Message: 6308

Nice fist, Niel. Lou

6309. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-15 22:38:18 UTC
From: Eddy Swynar
Topic: 130 Message: 6309

On 2012-08-15, at 4:15 PM, Louis Vermond wrote:

>
> $600/23 bids.... How is this possible?!

Hi Lou,

Remember what P.T. Barnum once said...

In this case, there are 23 of them (so far, anyway)...!

~73~ de Eddy VE3CUI - VE3XZ

6310. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-15 22:52:39 UTC
From: Louis Vermond
Topic: 130 Message: 6310

Eddy,

Maybe I'm #24. I paid 47£ for an Eddystone brown beehive. I needed a third you see...

Lou

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-08-15 6:38 PM
Subject: Re: [AWA Group] eBay Alert

On 2012-08-15, at 4:15 PM, Louis Vermond wrote:

$600/23 bids.... How is this possible?!

Hi Lou,

Remember what P.T. Barnum once said...

In this case, there are 23 of them (so far, anyway)...!

~73~ de Eddy VE3CUI - VE3XZ

6311. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-15 23:00:02 UTC
From: Christopher Best
Topic: 130 Message: 6311

Depending on the circumstances, audiophiles can be an asset. I sold 4 Western Electric 300Bs a decade ago and was able to pay for a Summer semester at college and 4 tires for my car.

Christopher

Sent from my iPhone

On Aug 15, 2012, at 5:38 PM, Eddy Swynar <deswynar@...> wrote:

>
> On 2012-08-15, at 4:15 PM, Louis Vermond wrote:
>
>>
>>
>> $600/23 bids.... How is this possible?!
>
>
> Hi Lou,
>
> Remember what P.T. Barnum once said...
>
> In this case, there are 23 of them (so far, anyway)...!
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>

6312. BKP

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-16 08:04:11 UTC
From: Louis Vermond
Topic: 6312 Message: 6312

107/14

6313. Re: [EXTERNAL EMAIL] :[AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-16 10:56:24 UTC
From: Robert S Jenkins
Topic: 130 Message: 6313

In case anyone is interested, the bid is now at $898, with 26 bids. That is all, carry on.

Robert
KG4KGL

On Aug 15, 2012, at 16:54, "Bauman, John" <john.bauman@...> wrote:

>
>
>
> Easy when stupidity abounds in the word of audiophoolery!
>
>
> $600/23 bids.... How is this possible?!
> 2 vintage NOS NIB Western Electric 205F tubes -tested-matched- 205D
>
> http://www.ebay.com/itm/2-vintage-NOS-NIB-Western-Electric-205F-tubes-tested-matched-205D-/350586542574?_trksid=p4340.m1374&_trkparms=algo%3DUPI.GIROS%26its%3DI%252BC%252BS%26itu%3DUCI%252BUCC%26otn%3D11%26pmod%3D160865164097%26ps%3D63%26clkid%3D1350692125383120100
>
>
>
>

6314. Re: [AWA Group] BKP

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-16 10:57:25 UTC
From: N1BUG
Topic: 6312 Message: 6314

On 08/16/2012 04:04 AM, Louis Vermond wrote:

107/14

And counting down

http://www.n1bug.com/BKcountdown.html

Hang in there Lou!

6315. RK20 / 804

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-20 17:43:18 UTC
From: ve7sl@shaw.ca
Topic: 6315 Message: 6315

I'm wondering if anyone might have one of these tubes and be willing to sell same? Project ideas have been stirring and this would be the first requirement.

Thanks,

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6316. eBay 210 Alert.....Buy in now/Cheap!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-21 14:45:34 UTC
From: Louis Vermond
Topic: 6316 Message: 6316

1 TESTED GOOD GLOBE RCA UX-210 RADIO TUBE

http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=310422800943&ssPageName=ADME:B:SS:US:1123

6317. Re: [AWA Group] eBay 210 Alert.....Buy in now/Cheap!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-21 15:38:04 UTC
From: ne1s@securespeed.us
Topic: 6316 Message: 6317

> 1 TESTED GOOD GLOBE RCA UX-210 RADIO TUBE
>
> http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=310422800943&ssPageName=ADME:B:SS:US:1123

If $89.99 is cheap, what's expensive?

73,
-Larry/NE1S

6318. Re: [AWA Group] eBay 210 Alert.....Buy in now/Cheap!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-21 15:57:37 UTC
From: Andy UU1CC
Topic: 6316 Message: 6318

On Tuesday 21 August 2012 15:38:04 ne1s@... wrote:

> If $89.99 is cheap, what's expensive?

$90 :)

--
73! Andy UU1CC

6319. Re: [AWA Group] eBay 210 Alert.....Buy in now/Cheap!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-21 17:06:06 UTC
From: Louis Vermond
Topic: 6316 Message: 6319

If $89.99 is cheap, what's expensive?

$189.99

----- Original Message -----
From: ne1s@...
To: AWAGroup@yahoogroups.com
Sent: 2012-08-21 11:38 AM
Subject: Re: [AWA Group] eBay 210 Alert.....Buy in now/Cheap!!!

> 1 TESTED GOOD GLOBE RCA UX-210 RADIO TUBE
>
> http://www.ebay.com/itm/ws/eBayISAPI.dll?ViewItem&item=310422800943&ssPageName=ADME:B:SS
:US:1123

73,
-Larry/NE1S

6320. Re: [AWA Group] eBay 210 Alert.....Buy in now/Cheap!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-21 17:07:43 UTC
From: Louis Vermond
Topic: 6316 Message: 6320

$90 :)

73! Andy Wise Guy UU1CC

6321. "Free" Old Radio Books

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-21 17:23:54 UTC
From: Louis Vermond
Topic: 6321 Message: 6321
Attachments: 1 described; binary payloads are missing from this source WARC

As it says below, these are available for packaging and postage from Canada. Write to if interested. 73, Lou VE3AWA

The 1938 Handbook is taken....

Hi Lou
An old friend from sailing club days just moved into Scarlett Heights. He was in radio and electronics in the good old days and still has some old books he hasn't had the heart to get rid of.
Pse take a look at the attached list and let me know if they might be of interest to you or any of your AWA friends.
73
Jack

6322. Metre Cat.s?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-22 14:41:35 UTC
From: Louis Vermond
Topic: 6322 Message: 6322

GM,

Does anyone have a 1920s early 30s Jewell and/or Weston catalogue?

Thanks, Lou

6323. Dusty, u there?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-22 20:07:17 UTC
From: Louis Vermond
Topic: 6323 Message: 6323

Pse send me ur e-address directly. Lou

6324. Re: [AWA Group] Dusty, u there?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-22 22:13:10 UTC
From: Jim Robson
Topic: 6323 Message: 6324

Hi, Lou: nc101x@.... Dusty.

On 22/08/12 4:07 PM, Louis Vermond wrote:
>
> Pse send me ur e-address directly. Lou
>

6325. Does anyone have a 1920s early 30s Jewell and/or Weston catalogue?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-23 15:37:57 UTC
From: Louis Vermond
Topic: 6325 Message: 6325

Type and ye shell find....

http://www.stevenjohnson.com/weston/weston-april-1934.htm

6326. Re: [AWA Group] Does anyone have a 1920s early 30s Jewell and/or Weston catalogue?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-23 15:54:23 UTC
From: Don Buska - The Radio Lab Works
Topic: 6325 Message: 6326

I've often wondered when various manufacturers stopped producing the front projecting meters. Similar to the "portable" meters on page 14 of this catalog. Like many of you I search out the front projecting meters at swapfests to use in my 1929 transmitters. I feel it gives them a real vintage look.

I noticed all the diagrams on page 11 are rear projecting meters.

Need to keep our eyes open for the mid-20's Jewell or Weston catalogs.

73

Don N9OO

6327. BKP Count Down

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-23 22:58:55 UTC
From: Louis Vermond
Topic: 6327 Message: 6327
Attachments: 1 described; binary payloads are missing from this source WARC

```
100 Days / 0 Minutes
```

6328. Suggested AWAGroup Phonetic Alphabet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-23 23:36:59 UTC
From: Louis Vermond
Topic: 6328 Message: 6328
Attachments: 1 described; binary payloads are missing from this source WARC

NUTS 1 BEER UNCLE GEORGE It works....

A RARE Early Phonetic Alphabet Brass Plate from WW1 Field Telephone FULLERPHONE WW-I FIELD TELEGRAPH/TELEPHONE SET.

http://www.ebay.co.uk/itm/RARE-Early-Phonetic-Alphabet-Brass-Plate-WW1-Field-Telephone-/280945372075?_trksid=p4340.m1982&_trkparms=aid%3D555001%26algo%3DPW.CURRENT%26ao%3D1%26asc%3D29%26meid%3D1539345642981024970%26pid%3D100009%26prg%3D1013%26rk%3D5%26

6329. HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-25 01:09:30 UTC
From: Eddy Swynar
Topic: 6329 Message: 6329

Hi Guys,

For the past coupla days now I dusted-off my homebrew 1929-style "QST-12" superheterodyne receiver, & tuned 80- and 40-meters with it, strictly SWL'ing...

Wow---I'd forgotten what a really great set-up this rig woulda been, had some Ham really built it back it the close of the Roaring Twenties. The regenerative 2nd stage of IF imparts near "single signal" quality to the CW stations that I was tuning-in...yet it's just as effective listening to SSB, and AM fone---maybe even more so for the latter, because judicious advancement of the IF regeneration just up to the point of near-oscillation results in a nice, selective "plop" as the tuned signal enters the passband.

I realize that the construction of an HB superhet appears daunting to most, but believe me, it is an enterprise WELL worth the effort---and taken a step at a time, it is hardly an unreachable goal, believe me! There's nothing quite like tuning the guys in with your own homebuilt superheterodyne ears...!

Has anyone else ever experienced the thrill...?

~73~ de Eddy VE3CUI - VE3XZ

6330. RE: [AWA Group] HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-25 01:38:06 UTC
From: Steve Flood
Topic: 6329 Message: 6330

Eddy,

I have been ogling this niftiness for some time.

<http://www.sparkbench.com/homebrew/Hatry/hatry.html>
http://www.sparkbench.com/homebrew/Hatry/hatry.html

Are there pics and info on your Super-12???

Steve, KK7UV

6331. "If You've Ever Wanted One..." Dept.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-25 12:49:51 UTC
From: Eddy Swynar
Topic: 6331 Message: 6331

Hi Guys,

For those of you who've ever lusted after a WW2 vintage RCA AR-88 receiver, here's your chance!

http://ontario.kijiji.ca/c-buy-and-sell-electronics-RCA-CR91A-SW-Receiver-and-Hammarlund-HQ-129-X-W0QQAdIdZ407487203

This military version has even more features than the "stock" AR-series...

~73~ de Eddy VE3CUI - VE3XZ

6332. Re: HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-25 15:31:37 UTC
From: john_kb7nrn
Topic: 6329 Message: 6332

Eddy,
Haven't tried to build a '20s style superhet but I did build a couple three tube superhets in the '30s style.

Look in the photo section under john_kb7nrn/Super SW-3 and john_kb7nrn/R-dyne.

The R-dyne (short for Regenerodyne) uses a crystal controlled LO and a regenerative IF that tunes 2-3 mhz.

John
KB7NRN

AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@...> wrote:
>
> Hi Guys,
>
> For the past coupla days now I dusted-off my homebrew 1929-style "QST-12" superheterodyne receiver, & tuned 80- and 40-meters with it, strictly SWL'ing...
>
> Wow---I'd forgotten what a really great set-up this rig woulda been, had some Ham really built it back it the close of the Roaring Twenties. The regenerative 2nd stage of IF imparts near "single signal" quality to the CW stations that I was tuning-in...yet it's just as effective listening to SSB, and AM fone---maybe even more so for the latter, because judicious advancement of the IF regeneration just up to the point of near-oscillation results in a nice, selective "plop" as the tuned signal enters the passband.
>
> I realize that the construction of an HB superhet appears daunting to most, but believe me, it is an enterprise WELL worth the effort---and taken a step at a time, it is hardly an unreachable goal, believe me! There's nothing quite like tuning the guys in with your own homebuilt superheterodyne ears...!
>
> Has anyone else ever experienced the thrill...?
>
> ~73~ de Eddy VE3CUI - VE3XZ
>

6333. Re: HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-25 15:35:44 UTC
From: ab9zg@ymail.com
Topic: 6329 Message: 6333

Have not yet, but I'm currently working on building one right now using the circuit from the March 1929 QST.

73, Jon AB9ZG

6334. Re: [AWA Group] Re: HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-25 15:42:49 UTC
From: Eddy Swynar
Topic: 6329 Message: 6334

On 2012-08-25, at 11:31 AM, john_kb7nrn wrote:

> Eddy,
> Haven't tried to build a '20s style superhet but I did build a couple three tube superhets in the '30s style.
>
> Look in the photo section under john_kb7nrn/Super SW-3 and john_kb7nrn/R-dyne.
>
> The R-dyne (short for Regenerodyne) uses a crystal controlled LO and a regenerative IF that tunes 2-3 mhz.
>
>

Hi John,

VERY nicely done---extremely professional-looking!

My congratulations on your workmanship---I have no doubt but that the rigs PERFORM as nicely as they LOOK, too!

~73!~ de Eddy VE3CUI - VE3XZ
>

6335. Re: [AWA Group] Re: HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-25 15:46:45 UTC
From: Eddy Swynar
Topic: 6329 Message: 6335

On 2012-08-25, at 11:35 AM, ab9zg@... wrote:

> Have not yet, but I'm currently working on building one right now using the circuit from the March 1929 QST.
>
>

Hi Jon,

Wow...!

You sure are off to a very FB start, no doubt about it! It's gonna be a real beauty when done, too...

I read, and then RE-READ that piece in the '29 QST---sure was inspiring, that's for sure

Keep us posted as to your progress---if you start burning the ol' midnight oil, you just might even have it completed & operational in time for the 2012 running of the BK '29 QSO Party, too!

~73~ de Eddy VE3CUI - VE3XZ

6336. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 12:02:04 UTC
From: Louis Vermond
Topic: 130 Message: 6336

http://www.ebay.com/itm/Hammarlund-Roberts-HQ-65-coils-for-Crystal-Radio-Antique-Ham-Radio-NEW-IN-BOX-/190718712648?pt=LH_DefaultDomain_0&hash=item2c67b89b48

http://www.ebay.com/itm/RCA-RADIOTRON-UX-250-GLOBE-50-EARLY-VINTAGE-OUTPUT-TRIODE-ENGRAVED-BASE-/190716416734?pt=Vintage_Electronics_R2&hash=item2c679592de

6337. Re: [AWA Group] Re: HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 14:36:51 UTC
From: Doug Forbes
Topic: 6329 Message: 6337

Does anybody have a scan of the complete March '29 QST article? The ARRL archive only has the first page.

Thanks,

Doug WA6VYN

On 8/25/2012 8:46 AM, Eddy Swynar wrote:
>
>
>
> On 2012-08-25, at 11:35 AM, ab9zg@... <mailto:ab9zg@...>
> wrote:
>
>> Have not yet, but I'm currently working on building one right now
>> using the circuit from the March 1929 QST.
>>
>
> */Hi Jon,/*
>
> /Wow...!/
>
> You sure are off to a very FB start, no doubt about it! It's gonna be
> a real beauty when done, too...
>
> I read, and then /RE-READ/that piece in the '29 */QST/*---sure was
> inspiring, that's for sure
>
> Keep us posted as to your progress---if you start burning the ol'
> midnight oil, you just might even have it completed & operational in
> time for the 2012 running of the BK '29 QSO Party, too!
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>
>
>
>

6338. Wow!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 14:37:23 UTC
From: Roger Kuchera
Topic: 6338 Message: 6338

Gentlemen,
I'm not sure if anyone else saw the selling price for a pair of Western Electric 300A/300B tubes on Ebay. I sure hope the shipping is free. Final price 16,099 USD! Sure beats any price I have ever seen.

CUL, Roger/K1TG

6339. Re: [AWA Group] Wow!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 14:39:44 UTC
From: Louis Vermond
Topic: 6338 Message: 6339

Roger, Wt is the item's address or number? Tks, Lou

----- Original Message -----
From: Roger Kuchera
To: AWAgroup@yahoogroups.com
Sent: 2012-08-26 10:37 AM
Subject: [AWA Group] Wow!

Gentlemen,
I'm not sure if anyone else saw the selling price for a pair of Western Electric 300A/300B tubes on Ebay. I sure hope the shipping is free. Final price 16,099 USD! Sure beats any price I have ever seen.

CUL, Roger/K1TG

6340. Re: [AWA Group] Wow!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 14:49:43 UTC
From: Roger Kuchera
Topic: 6338 Message: 6340

http://www.ebay.com/itm/PAIR-VINTAGE-WESTERN-ELECTRIC-300A-300B-TRIODE-AMPLIFIER-TUBE-/180954368880

--- On Sun, 8/26/12, Louis Vermond <ldvermond@sympatico.ca> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] Wow!
To: AWAGroup@yahoogroups.com
Date: Sunday, August 26, 2012, 10:39 AM

Roger, Wt is the item's address or number? Tks, Lou

----- Original Message -----
From: Roger Kuchera
To: AWAgroup@yahoogroups.com
Sent: 2012-08-26 10:37 AM
Subject: [AWA Group] Wow!

Gentlemen,
I'm not sure if anyone else saw the selling price for a pair of
Western Electric 300A/300B tubes on Ebay. I sure hope the shipping is
free. Final price 16,099 USD! Sure beats any price I have ever seen.

CUL, Roger/K1TG

6341. K1TG de VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 15:29:54 UTC
From: Louis Vermond
Topic: 6341 Message: 6341

There are a lot scrambling thru their boxes of old tubes right now.

6342. RE: [AWA Group] K1TG de VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 15:48:39 UTC
From: Mike Feher
Topic: 6341 Message: 6342

Not really - 300As are extremely rare now. The audiophools have bought them all. The ones that occasionally show up, do bring big bucks, but, like Roger said, I have never seen a pair bring this much or even close. That sale price was ridiculous. Interestingly, there were a lot of bidders, all bidding big bucks. I would have thought about $5K for the pair would have been the right price. I had some over the years and the last two I had I sold for about $500 each about 15 years ago. About that same time I went to a small hamfest, and a car selling right behind me had just tons of tubes in boxes, all loose. I was in no mood to look through them as they all looked common. Low and behold, a little while later I heard that some guy found about 20 300As for $1 each in the lot. So, maybe looking through some boxes might not be a bad idea. I know for sure that in the lot of about 200K tubes that I still have, there is not a single 300, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Sunday, August 26, 2012 11:30 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] K1TG de VE3AWA

There are a lot scrambling thru their boxes of old tubes right now.

6343. Re: [AWA Group] HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 17:01:12 UTC
From: ne1s@securespeed.us
Topic: 6329 Message: 6343

```
>
> Has anyone else ever experienced the thrill...?
>

I built an HF/MF superhet in high school - although it was hardly a
serious communication instrument. It was basically an AA5 circuit, but I
did use a power transformer. Used plug-in coils I found at, of all places,
Sears!

73,
-Larry/NE1S
```

6344. RE: [AWA Group] HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 17:16:02 UTC
From: Mike Feher
Topic: 6329 Message: 6344

Seeing Larry's reply prompted me to see the initial thread question. I also built several superhets during HS. Not 1929 vintage, but, my first was an exact replica of an S-38 that a friend had. Worked fine. Later I built several of the HBR series receivers, which were also plug in coil dependent, but were super performers. I believe I built an HBR-13 and an HBR-16. Indeed a thrill. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Friday, August 24, 2012 9:10 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] HB Superhets

Hi Guys,

For the past coupla days now I dusted-off my homebrew 1929-style "QST-12" superheterodyne receiver, & tuned 80- and 40-meters with it, strictly SWL'ing...

Wow---I'd forgotten what a really great set-up this rig woulda been, had some Ham really built it back it the close of the Roaring Twenties. The regenerative 2nd stage of IF imparts near "single signal" quality to the CW stations that I was tuning-in...yet it's just as effective listening to SSB, and AM fone---maybe even more so for the latter, because judicious advancement of the IF regeneration just up to the point of near-oscillation results in a nice, selective "plop" as the tuned signal enters the passband.

I realize that the construction of an HB superhet appears daunting to most, but believe me, it is an enterprise WELL worth the effort---and taken a step at a time, it is hardly an unreachable goal, believe me! There's nothing quite like tuning the guys in with your own homebuilt superheterodyne ears...!

Has anyone else ever experienced the thrill...?

~73~ de Eddy VE3CUI - VE3XZ

6345. Re: eBay Alert - Hammarlund coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 17:40:53 UTC
From: bob_w2ami
Topic: 130 Message: 6345

Tnx, now I have bid competition om

Do u give alerts on stuff u are going to bid on too?
I doubt it!
bob...w2ami

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> http://www.ebay.com/itm/Hammarlund-Roberts-HQ-65-coils-for-Crystal-Radio-Antique-Ham-Radio-NEW-IN-BOX-/190718712648?pt=LH_DefaultDomain_0&hash=item2c67b89b48
>

6346. Re: [AWA Group] HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 18:34:31 UTC
From: STEVE MCDONALD
Topic: 6329 Message: 6346
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

6347. Re: [AWA Group] Re: HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-26 18:43:34 UTC
From: Jon
Topic: 6329 Message: 6347

There is copy linked to at the top of this page:
http://www.sparkbench.com/homebrew/Ross_Hull_Superhet/rosshullsuperhet.html It is a bit hard to read though.
Note that there are few mistakes in the schematic - for instance, the bypass caps are on the wrong side of the regeneration rheostats.
There were also a few improvements mentioned later in QST: https://lh4.googleusercontent.com/-yu0va8_jGpY/UDptlFHNzMI/AAAAAAAABE0/opxKyPTfVA8/s800/DSCN1426.JPG

From: Doug Forbes <dougforbes@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, August 26, 2012 9:36 AM
Subject: Re: [AWA Group] Re: HB Superhets

Does anybody have a scan of the complete March '29 QST article? The ARRL archive only has the first page.

Thanks,

Doug WA6VYN

On 8/25/2012 8:46 AM, Eddy Swynar wrote:

>
>On 2012-08-25, at 11:35 AM, ab9zg@... wrote:
>
>
>>Have not yet, but I'm currently working on building one right now using the circuit from the March 1929 QST.
>>
>>
>
>Hi Jon,
>
>
>Wow...!
>
>
>You sure are off to a very FB start, no doubt about it! It's gonna be a real beauty when done, too...
>
>
>I read, and then RE-READthat piece in the '29 QST---sure was inspiring, that's for sure
>
>
>

>Keep us posted as to your progress---if you start burning the ol' midnight oil, you just might even have it completed & operational in time for the 2012 running of the BK '29 QSO Party, too!
>
>
>~73~ de Eddy VE3CUI - VE3XZ
>

6348. Re: [AWA Group] Wow!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-27 02:39:14 UTC
From: Don Buska - The Radio Lab Works
Topic: 6338 Message: 6348

Here is a link
<http://www.ebay.com/itm/PAIR-VINTAGE-WESTERN-ELECTRIC-300A-300B-TRIODE-AMPLIFIER-TUBE-/180954368880?pt=Vintage_Electronics_R2&hash=item2a21b88b70>
based on my eBay search.

Don

6349. Re: HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-28 03:35:56 UTC
From: Dave Robinson
Topic: 6329 Message: 6349

Did you receive a response to your request for the 1929 QST scan? I just located my copy and I am doing a HD scan as I type. LMK

Dave Robinson, KB7GP

6350. Re: HB Superhets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-28 18:07:05 UTC
From: kb7gp_dave
Topic: 6329 Message: 6350

For anyone interested in a crystal clear copy of the March 1929 Pg. 9 article, let me know via email and I will send a DropBox invite to a folder containing it. It's far too large to email but you can copy it from DropBox and do with it as you will.
Dave KB7GP Robinson

--- In AWAGroup@yahoogroups.com, Dave Robinson <kb7gp@...> wrote:
>
> Did you receive a response to your request for the 1929 QST scan? I just
> located my copy and I am doing a HD scan as I type. LMK
>
> Dave Robinson, KB7GP
>

6351. Old ARRL Handbooks Available...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-28 19:16:49 UTC
From: Eddy Swynar
Topic: 6351 Message: 6351

Hi Guys,

Some VERY choice ARRL HANDBOOKs available on eBay---just the ticket for the "care, feeding, and construction" of your 1929 BK station:

http://www.ebay.com/itm/1930-ARRL-RADIO-AMATEURS-HANDBOOK-/200812007682?pt=LH_DefaultDomain_0&hash=item2ec1541102#ht_500wt_1413

http://www.ebay.com/itm/1929-ARRL-RADIO-AMATEURS-HANDBOOK-6th-EDITION-1-/200812009264?pt=LH_DefaultDomain_0&hash=item2ec1541730#ht_500wt_1413

http://www.ebay.com/itm/1929-ARRL-RADIO-AMATEURS-HANDBOOK-6th-EDITION-1-/200812009264?pt=LH_DefaultDomain_0&hash=item2ec1541730#ht_500wt_1413

http://www.ebay.com/itm/1927-ARRL-RADIO-AMATEURS-HANDBOOK-2nd-EDITION-/190719414471?pt=LH_DefaultDomain_0&hash=item2c67c350c7#ht_500wt_1413

http://www.ebay.com/itm/1933-ARRL-RADIO-AMATEURS-HANDBOOK-/200812005747?pt=LH_DefaultDomain_0&hash=item2ec1540973#ht_500wt_1413

http://www.ebay.com/itm/1934-ARRL-RADIO-AMATEURS-HANDBOOK-HARD-COVER-/200812004515?pt=LH_DefaultDomain_0&hash=item2ec15404a3#ht_500wt_1413

The good news...? Bidding---as of this writing---is STILL in the SINGLE DOLLAR range(!), & has NOT yet reached lunatic levels...

The bad news...? All of these auctions will be closed in a little over 24 hours from now...

I have these volumes in my own personal collection---they have ALL proven to be invaluable to me in the design, construction, & operation of my 1929-replica rigs...

~73~ de Eddy VE3CUI - VE3XZ

6352. Re: [AWA Group] Suggested AWAGroup Phonetic Alphabet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-28 21:38:41 UTC
From: N1BUG
Topic: 6328 Message: 6352

On 08/23/2012 07:36 PM, Louis Vermond wrote:

NUTS 1 BEER UNCLE GEORGE?? It works....

Especially the NUTS part, eh Lou? ;o)

6353. Re: [AWA Group] Suggested AWAGroup Phonetic Alphabet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-28 22:40:28 UTC
From: ne1s@securespeed.us
Topic: 6328 Message: 6353

```
>
> On 08/23/2012 07:36 PM, Louis Vermond wrote:
> NUTS 1 BEER UNCLE GEORGE??
> It works....
>
> Especially the NUTS part, eh Lou? ;o)
>

Actually, especially the BEER part.

73,
-Larry/NE1S
```

6354. Suggested AWAGroup Phonetic Alphabet es N1BUG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-29 19:30:11 UTC
From: ve7sl@shaw.ca
Topic: 6328 Message: 6354

```
>
> NUTS 1 BEER UNCLE GEORGE It works....
>
>
> Especially the NUTS part, eh Lou? ;o)
```

Hi Bugs,

I was thinking more the beer part like Larry. Hi Larry!

XYL and me are here at Old Steve's (KK7UV =Young Steve...Hi Steve!) QTH. You guys shuld c the parts! and no junk. I've taken lots of photos of SL's workshop/stn/ants. Will post many on our return home the 14th.

Steve's home is on the Georgia Straght facing N.E. Odd the things that float up on shore during the night. More on this later. Lunch time...

73 for nw, Lou
VE3AWA/VE7

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6355. Tidal Parts Procurement, Mayne Island, BC

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-30 03:03:19 UTC
From: ve7sl@shaw.ca
Topic: 6355 Message: 6355
Attachments: 2 described; binary payloads are missing from this source WARC

Damn...just another Blue Arcturus

6356. Re: [AWA Group] Suggested AWAGroup Phonetic Alphabet es N1BUG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-30 12:03:25 UTC
From: ne1s@securespeed.us
Topic: 6328 Message: 6356

```
>
> I was thinking more the beer part like Larry. Hi Larry!
>

Hi Lou, & Steve!

> XYL and me are here at Old Steve's (KK7UV =Young Steve...Hi Steve!) QTH.

You get around...

> Odd the things that float up on shore during the night.
>

Like cases of UX-210's?

73,
-Larry/NE1S
```

6357. Re: Old ARRL Handbooks Available...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-30 14:40:32 UTC
From: Eddy Swynar
Topic: 6351 Message: 6357

Hi All,

WOW...!!!

The market for OT radio stuff sure must be down---a LOT!

Not a single one of these old HANDBOOKs entered into the three figure bid range---at one time it was quite the norm for any such thing pre-1930-ish...kinda nice to see reasonable prices prevail again, though...

~73~ de Eddy VE3CUI - VE3XZ

On 2012-08-28, at 3:16 PM, Eddy Swynar wrote:

> Hi Guys,
>
> Some VERY choice ARRL HANDBOOKs available on eBay---just the ticket for the "care, feeding, and construction" of your 1929 BK station:
>
> http://www.ebay.com/itm/1930-ARRL-RADIO-AMATEURS-HANDBOOK-/200812007682?pt=LH_DefaultDomain_0&hash=item2ec1541102#ht_500wt_1413
>
> http://www.ebay.com/itm/1929-ARRL-RADIO-AMATEURS-HANDBOOK-6th-EDITION-1-/200812009264?pt=LH_DefaultDomain_0&hash=item2ec1541730#ht_500wt_1413
>
> http://www.ebay.com/itm/1929-ARRL-RADIO-AMATEURS-HANDBOOK-6th-EDITION-1-/200812009264?pt=LH_DefaultDomain_0&hash=item2ec1541730#ht_500wt_1413
>
> http://www.ebay.com/itm/1927-ARRL-RADIO-AMATEURS-HANDBOOK-2nd-EDITION-/190719414471?pt=LH_DefaultDomain_0&hash=item2c67c350c7#ht_500wt_1413
>
> http://www.ebay.com/itm/1933-ARRL-RADIO-AMATEURS-HANDBOOK-/200812005747?pt=LH_DefaultDomain_0&hash=item2ec1540973#ht_500wt_1413
>
> http://www.ebay.com/itm/1934-ARRL-RADIO-AMATEURS-HANDBOOK-HARD-COVER-/200812004515?pt=LH_DefaultDomain_0&hash=item2ec15404a3#ht_500wt_1413
>
> The good news...? Bidding---as of this writing---is STILL in the SINGLE DOLLAR range(!), & has NOT yet reached lunatic levels...
>
> The bad news...? All of these auctions will be closed in a little over 24 hours from now...
>
> I have these volumes in my own personal collection---they have ALL proven to be invaluable to me in the design, construction, & operation of my 1929-replica rigs...
>

> ~73~ de Eddy VE3CUI - VE3XZ

6358. RE: [AWA Group] Re: Old ARRL Handbooks Available...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-30 15:00:02 UTC
From: Mike Feher
Topic: 6351 Message: 6358

Well, I saved three of them, but, I think the reason the prices were not higher was due to their poor condition. I have a complete set, with the early ones in plastic bags, but, have not seen them since the flood in my basement after my water heater decided to let its bottom fall out 4.5 years ago. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Thursday, August 30, 2012 10:41 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Re: Old ARRL Handbooks Available...

Hi All,

WOW...!!!

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&hash=item2ec1541102#ht_500wt_1413

http://www.ebay.com/itm/1929-ARRL-RADIO-AMATEURS-HANDBOOK-6th-EDITION-1-/200812009264?pt=LH_DefaultDomain_0
<http://www.ebay.com/itm/1929-ARRL-RADIO-AMATEURS-HANDBOOK-6th-EDITION-1-/200812009264?pt=LH_DefaultDomain_0&hash=item2ec1541730#ht_500wt_1413>

&hash=item2ec1541730#ht_500wt_1413

http://www.ebay.com/itm/1929-ARRL-RADIO-AMATEURS-HANDBOOK-6th-EDITION-1-/200
812009264?pt=LH_DefaultDomain_0
<http://www.ebay.com/itm/1929-ARRL-RADIO-AMATEURS-HANDBOOK-6th-EDITION-1-/20
0812009264?pt=LH_DefaultDomain_0&hash=item2ec1541730#ht_500wt_1413>
&hash=item2ec1541730#ht_500wt_1413

http://www.ebay.com/itm/1927-ARRL-RADIO-AMATEURS-HANDBOOK-2nd-EDITION-/19071
9414471?pt=LH_DefaultDomain_0
<http://www.ebay.com/itm/1927-ARRL-RADIO-AMATEURS-HANDBOOK-2nd-EDITION-/1907
19414471?pt=LH_DefaultDomain_0&hash=item2c67c350c7#ht_500wt_1413>
&hash=item2c67c350c7#ht_500wt_1413

http://www.ebay.com/itm/1933-ARRL-RADIO-AMATEURS-HANDBOOK-/200812005747?pt=L
H_DefaultDomain_0
<http://www.ebay.com/itm/1933-ARRL-RADIO-AMATEURS-HANDBOOK-/200812005747?pt=
LH_DefaultDomain_0&hash=item2ec1540973#ht_500wt_1413>
&hash=item2ec1540973#ht_500wt_1413

http://www.ebay.com/itm/1934-ARRL-RADIO-AMATEURS-HANDBOOK-HARD-COVER-/200812
004515?pt=LH_DefaultDomain_0
<http://www.ebay.com/itm/1934-ARRL-RADIO-AMATEURS-HANDBOOK-HARD-COVER-/20081
2004515?pt=LH_DefaultDomain_0&hash=item2ec15404a3#ht_500wt_1413>
&hash=item2ec15404a3#ht_500wt_1413

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~73~ de Eddy VE3CUI - VE3XZ

6359. Re: [AWA Group] Re: Old ARRL Handbooks Available...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-30 15:18:54 UTC
From: N1BUG
Topic: 6351 Message: 6359

It's the season, Eddy. The hoard of half-crazed buyers with deep pockets will be out in a couple of months and then you'll see prices skyrocket.

I oooh'd and ahhh'd over the 1929 Handbooks for a while, but slapped myself firmly and said "NO!" :-(Probably missed an opportunity there...

73,
Paul

On 08/30/2012 10:40 AM, Eddy Swynar wrote:

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http://www.ebay.com/itm/1927-ARRL-RADIO-AMATEURS-HANDBOOK-2nd-EDITION-/190719414471?pt=LH_DefaultDomain_0&hash=item2c67c350c7#ht_500wt_1413

http://www.ebay.com/itm/1933-ARRL-RADIO-AMATEURS-HANDBOOK-/200812005747?pt=LH_DefaultDomain_0&hash=item2ec1540973#ht_500wt_1413

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6360. RE: [AWA Group] Re: Old ARRL Handbooks Available...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-30 15:30:05 UTC
From: Mike Feher
Topic: 6351 Message: 6360

Paul - if you change your mind, I will gladly let you have one of mine for what I paid. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Thursday, August 30, 2012 11:19 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Old ARRL Handbooks Available...

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6361. RE: [AWA Group] Re: Old ARRL Handbooks Available...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-30 15:32:56 UTC
From: Mike Feher
Topic: 6351 Message: 6361

BTW, the other day I bought a perfect Clapp Eastham spark key on eBay for around $130. That is what they were going for in the late 60's and early 70's. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
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To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Re: Old ARRL Handbooks Available...

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812009264?pt=LH_DefaultDomain_0
<http://www.ebay.com/itm/1929-ARRL-RADIO-AMATEURS-HANDBOOK-6th-EDITION-1-/20
0812009264?pt=LH_DefaultDomain_0&hash=item2ec1541730#ht_500wt_1413>
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812009264?pt=LH_DefaultDomain_0
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0812009264?pt=LH_DefaultDomain_0&hash=item2ec1541730#ht_500wt_1413>
&hash=item2ec1541730#ht_500wt_1413

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9414471?pt=LH_DefaultDomain_0
<http://www.ebay.com/itm/1927-ARRL-RADIO-AMATEURS-HANDBOOK-2nd-EDITION-/1907
19414471?pt=LH_DefaultDomain_0&hash=item2c67c350c7#ht_500wt_1413>
&hash=item2c67c350c7#ht_500wt_1413

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H_DefaultDomain_0
<http://www.ebay.com/itm/1933-ARRL-RADIO-AMATEURS-HANDBOOK-/200812005747?pt=
LH_DefaultDomain_0&hash=item2ec1540973#ht_500wt_1413>
&hash=item2ec1540973#ht_500wt_1413

http://www.ebay.com/itm/1934-ARRL-RADIO-AMATEURS-HANDBOOK-HARD-COVER-/200812
004515?pt=LH_DefaultDomain_0
<http://www.ebay.com/itm/1934-ARRL-RADIO-AMATEURS-HANDBOOK-HARD-COVER-/20081
2004515?pt=LH_DefaultDomain_0&hash=item2ec15404a3#ht_500wt_1413>
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~73~ de Eddy VE3CUI - VE3XZ

6362. Spud gun Hi-Jinks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-30 19:23:26 UTC
From: ve7sl@shaw.ca
Topic: 6362 Message: 6362
Attachments: 1 described; binary payloads are missing from this source WARC

Short on Spuds

6363. Re: [AWA Group] Re: Old ARRL Handbooks Available...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-31 12:13:11 UTC
From: N1BUG
Topic: 6351 Message: 6363

Thanks Mike, that is a kind offer. If it's still available in a couple of months I very well might take you up on it.

73,
Paul

On 08/30/2012 11:30 AM, Mike Feher wrote:

Paul – if you change your mind, I will gladly let you have one of mine for what I paid. 73 – Mike

6364. Re: [AWA Group] Re: Old ARRL Handbooks Available...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-31 12:43:22 UTC
From: Eddy Swynar
Topic: 6351 Message: 6364

On 2012-08-31, at 8:13 AM, N1BUG wrote:

> Thanks Mike, that is a kind offer. If it's still available in a couple of months I very well might take you up on it.
>
>

...Dependent, of course, upon price! Hi Hi

What do you have available, Mike, & how much are you asking...? Some of my ancient HANDBOOKS here ARE a tad "...worse off for wear"...

~73~ de Eddy VE3CUI - VE3XZ

6365. Whither "GLOWBUGS"...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-31 19:34:03 UTC
From: Eddy Swynar
Topic: 6365 Message: 6365

Hi Guys,

Does anyone reading those know what's happened to the old "Glowbugs" Reflector...?

I keep getting bounces back everytime I try to register---and many of the sites referred to on the web page are non-existant anymore...

Has Glowbugs been "de-commissioned"...?

~73~ de Eddy VE3CUI - VE3XZ

6366. Re: [AWA Group] Whither "GLOWBUGS"...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-31 19:57:24 UTC
From: Bill Stewart
Topic: 6365 Message: 6366

Eddy, try this info off the postings..same Glowbugs, different location.
73, Bill K4JYS
ZCZC
This is a transmission from the Glowbugs list
To unsubscribe from this group, send email to
tetrode+unsubscribe@...
For more options, visit this group at
http://groups.google.com/group/tetrode?hl=en
NNNN

----- Original Message -----

Hi Guys,

Does anyone reading those know what's happened to the old " Glowbugs " Reflector...?

I keep getting bounces back everytime I try to register---and many of the sites referred to on the web page are non-existant anymore...

Has Glowbugs been "de-commissioned"...?

~73~ de Eddy VE3CUI - VE3XZ

6367. Re: [AWA Group] Whither "GLOWBUGS"...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-08-31 20:07:26 UTC
From: Eddy Swynar
Topic: 6365 Message: 6367

On 2012-08-31, at 3:57 PM, Bill Stewart wrote:

>
> Eddy, try this info off the postings..same Glowbugs, different location.

Hi Bill,

Many thanks for that info...! It looks like my approval is now pending, per this e-mail which I just received:

Your subscription request to tetrode is pending.

Start your own group, visit the help center, or report abuse.

I don't know how my previous membership to the "old" Glowbugs fell through the cracks like it did---but I sure do miss some of the neat topics on homebrewing that were discussed therein...

Hopefully that tradition continues!

Thanks again & my vy

~73~ de Eddy VE3CUI - VE3XZ

6368. Re: [AWA Group] Whither "GLOWBUGS"...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-01 22:54:23 UTC
From: ne1s@securespeed.us
Topic: 6365 Message: 6368

> Hi Guys,
>
> Does anyone reading those know what's happened to the old "Glowbugs"
> Reflector...?
>
> I keep getting bounces back everytime I try to register---and many of the
> sites referred to on the web page are non-existant anymore...
>
> Has Glowbugs been "de-commissioned"...?
>
> ~73~ de Eddy VE3CUI - VE3XZ

Hi Eddy,

The reflector is alive & well - it has moved to googlegroups ("tetrode@ googlegroups.com" is the posting address, but you have to sign up and join before posting). Been a listmember forever.

73,
-Larry/NE1S

6369. Re: [AWA Group] Whither "GLOWBUGS"...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-02 12:34:31 UTC
From: Eddy Swynar
Topic: 6365 Message: 6369

On 2012-09-01, at 6:54 PM, ne1s@... wrote:

>
> The reflector is alive & well - it has moved to googlegroups ("tetrode@
> googlegroups.com" is the posting address, but you have to sign up and join
> before posting). Been a listmember forever.
>
>

Hi Larry,

Many thanks...

I applied for my subscription last Friday, & it is still "...pending approval" from the web master---nothing heard back since.

Maybe he's gone away for the long weekend...? Or it's a polite way of saying, "We don't need your kind around here!!!" Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

6370. EXCELLENT Reference Material

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-02 12:54:16 UTC
From: Eddy Swynar
Topic: 6370 Message: 6370

Hi Guys,

Please rest assured that I am NOT attempting to "...out-Lou" good friend VE3AWA, but these items on eBay---IMHO---merit some serious consideration. That first edition of "UNDERSTANDING AMATEUR RADIO" is an absolutely timeless classic, & deserves to be on the shelf of ANY self-respecting vacuum tube homebrewer: (note: don't buy any edition other than the very first one, which came out originally in 1964, I believe...).

http://www.ebay.com/itm/UNDERSTANDING-AMATEUR-RADIO-BOOK-BY-ARRL-PRINCIPLES-CONSTRUCTION-OPERATION-/370622550357?pt=Vintage_Electronics_R2&hash=item564ad35155

~73~ de Eddy VE3CUI - VE3XZ

6371. Re: [AWA Group] Whither "GLOWBUGS"...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-02 16:17:28 UTC
From: Larry Szendrei
Topic: 6365 Message: 6371

On 9/2/2012 8:34 AM, Eddy Swynar wrote:
>
>
> On 2012-09-01, at 6:54 PM, ne1s@...
> <mailto:ne1s@...> wrote:
>
>>
>> The reflector is alive & well - it has moved to googlegroups ("tetrode@
>> googlegroups.com <http://googlegroups.com>" is the posting address,
>> but you have to sign up and join
>> before posting). Been a listmember forever.
>>
>>
>
> */Hi Larry,/*
>
> Many thanks...
>
> I applied for my subscription last Friday, & it is still "...pending
> approval" from the web master---nothing heard back since.
>
> Maybe he's gone away for the long weekend...? Or it's a polite way of
> saying, "*/We don't need your kind around here!!!/*" Hi Hi
>
>
/*I'm sure it's not the latter, Eddy. See you on Glowbugs soon.

73,
-Larry/NE1S
*/

6372. Re: [AWA Group] Whither "GLOWBUGS"...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-02 21:01:28 UTC
From: Leonard Meek
Topic: 6365 Message: 6372

I'm having the same trouble. My emails are rejected and the googlegroups site just has me going in circles. I think I'll take a nap.

Leonard

----- Original Message -----
From: <ne1s@...>
To: <AWAGroup@yahoogroups.com>
Sent: Saturday, September 01, 2012 12:54 PM
Subject: Re: [AWA Group] Whither "GLOWBUGS"...?

>> Hi Guys,
>>
>> Does anyone reading those know what's happened to the old "Glowbugs"
>> Reflector...?
>>
>> I keep getting bounces back everytime I try to register---and many of the
>> sites referred to on the web page are non-existant anymore...
>>
>> Has Glowbugs been "de-commissioned"...?
>>
>> ~73~ de Eddy VE3CUI - VE3XZ
>
> Hi Eddy,
>
> The reflector is alive & well - it has moved to googlegroups ("tetrode@
> googlegroups.com" is the posting address, but you have to sign up and join
> before posting). Been a listmember forever.
>
> 73,
> -Larry/NE1S
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

6373. 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-04 20:58:41 UTC
From: Eddy Swynar
Topic: 1178 Message: 6373

Hi Guys,

I simply can NOT believe tat the 2012 running of the Bruce Kelley event is coming oh-so-very fast upon us: in three short months it'll be here (remember how close the month of June still is in your memory...?).

I don't know that I'll be building anything new in the transmitter department after all: what I really & truly SHOULD do is analyze why the signal from my 3x227 MOPA rig is so squirrely by times. On account of its bad behaviour, I've had to use the Colpitts rig for the past few outings "...by default."

One thing for sure, I think, is the fact that I plan on using my 1929-style superthet receiver this time around, for a 100% homebrewed set-up once again. I've been playing around with it some lo thee past few weeks, and see that a complete dial re-calibration / re-inking is in order. Beyond that, it's QSO Party ready, I think: I've even incorporated a muting system to silence things whenever I might transmit.

Anyway, just musing aloud here on this VERY rainy, very wet day (been POURING here steadily since early this morning).

~73~ de Eddy VE3CUI - VE3XZ

6374. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-05 04:35:28 UTC
From: STEVE MCDONALD
Topic: 1178 Message: 6374
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

6375. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-05 12:10:41 UTC
From: Eddy Swynar
Topic: 1178 Message: 6375

On 2012-09-05, at 12:35 AM, STEVE MCDONALD wrote:

>
> Eddy ....will you be on Topband for the BK....I hope ??
>
>

Hi Steve,

Well, I certainly DO have all the coils for that band on all of my rigs here...but I think the first weekend conflicts with the ARRL 160-meter contest, in which case all I can say is FORGET ABOUT IT at that time!!!

I can assure you that you will NOT be heard (nor particularly WELCOMED!) by the contesting gang---best leave 160 until the following weekend, believe me...

~73~ de Eddy VE3CUI - VE3XZ

6376. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-05 22:55:39 UTC
From: STEVE MCDONALD
Topic: 1178 Message: 6376
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

6377. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-06 01:36:12 UTC
From: Eddy Swynar
Topic: 1178 Message: 6377

On 2012-09-05, at 6:55 PM, STEVE MCDONALD wrote:

>
>
> There has been much discussion on here regarding the conflict on the first weekend so I don't think anyone is planning for that....it would be truly hopeless.
>

Hi Steve,

Yes, as Rowan & Martin would be wont to say, "...YOU BET YOUR BIPPY" on that that point...!

With guys firing away making 3 to 4 QSOs PER MINUTE in that fast-paced (aren't they ALL fast-paced...?!) event, nobody with any "MOD" gear would stop by & wait to work you---besides, our QRP chirpy / yoopy signals wouldn't even make it through the bedlam of wall-to-wall kilowatt-plus adrenilen-fueled contesters.

Hopefully the second weekend would be free of such shenanigans---but even at that time I would hasten to caution us all to limit our excursions on the band strictly from 1800- to 1810-KHz---anything higher than that & you'd be sure to tread upon the toes of some DX'er, or other. Chasing DX seems to be THE major activity on Topband anymore (when there isn't a contest on, of course!).

~73~ de Eddy VE3CUI - VE3XZ

6378. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-06 03:34:40 UTC
From: STEVE MCDONALD
Topic: 1178 Message: 6378
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

6379. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-06 12:37:53 UTC
From: Eddy Swynar
Topic: 1178 Message: 6379

On 2012-09-05, at 11:34 PM, STEVE MCDONALD wrote:

> Actually these things sound very "Collins-like" on 160 so the signals shouldn't draw a lot of attention in that respect.

Hi Steve,

True enough---but the very nano-second that we might start cranking -out (at 10 WPM!) our name, QTH, power, and what sort of rig we might be using, the other station will have either (A) moved off frequency, or, (B) started his CQ TEST machine going all over again right atop us! Hi Hi

As I said, best leave that band alone until the following "quiet" weekend---and even at that, confine operations to STRICTLY the bottom 10-KHz (Paul, N1BUG, please help me here with a nod of support!).

~73~ de Eddy VE3CUIU - VE3XZ

6380. RE: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-06 13:00:44 UTC
From: barry whittemore
Topic: 1178 Message: 6380

This will be my first time and i have my type 27 TX and will likely use a more modern RX. (Maybe an HQ-129X) and I will be on 40 only as that is what i am set up for. should i throw up a 40 meter ladder line dipole for antenna? I can throw one togetehr easily and hook it up.
also what would be suggested freqs?
Thanks
Barry
NF1O
Type 27 Hartley

6381. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-06 13:08:10 UTC
From: STEVE MCDONALD
Topic: 1178 Message: 6381
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

6382. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-06 13:30:27 UTC
From: whitebear1122@comcast.net
Topic: 1178 Message: 6382

Hi guys, upon the advice of Eddy, Steve, and others, 1800 to 1810 as the recommended frequency for the 29 QSO Party 160 meter portion. Yeah if 160 is wall to wall bedlam the first weekend, I won't bother trying it out until the 2nd weekend. I'll be curious as all heck to find out if 160 is viable for our peanut whistle signals. I haven't extended my 80m inverted vee yet, and it won't be very high in the air, but hopefully it'll get out enough to work you guys.

I've completed the 29 QSO Party rules write up for the AWA Journal and forwarded it to Tim Walker W1GIG. I've also asked Tim to get the rules and log sheet up on the AWA website so people can see the dates, times, and rules. Looking forward to working everyone in the 29 QSO Party!
73, Scott WA9WFA

6383. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-06 13:34:34 UTC
From: N1BUG
Topic: 1178 Message: 6383

On 09/06/2012 08:37 AM, Eddy Swynar wrote:

As I said, best leave that band alone until the following "quiet" weekend---and even at that, confine operations to STRICTLY the bottom 10-KHz (Paul, N1BUG, please help me here with a nod of support!).

Nod ;^)

Hi Guys,

I do concur with sticking to the bottom 10 kHz. As I've said before, that's about the only place I personally would be comfortable operating with the vintage gear. I feel the pain of those who would like more general operation and a bit less DXing on 160. On the other hand, having been primarily a DXer for many years and being close enough to the east coast to hear more than my fair share of puny weak DX from the east , I know how much stuff is out there and how eagerly many folks are crawling into the radio straining to hear it... and how often the entire "opening" to that rare sought after DX lasts a couple of minutes or even less! There is also the matter of serious frequency restrictions in many parts of the world. To quote but one example, in Japan they are allowed 1810 to 1825 (and, I believe, a narrow slice up above 1900 somewhere). In much of the world, the allocation starts at 1810. The bottom line, unfortunately, is that space is at a premium on 160 - for which I'm afraid there is no cure.

But enough of that!

I agree with Steve's remark about these rigs sounding almost Collins-like on 160, if his Hartley is any example! Very FB indeed.

I had hoped to make an appearance on 160 during the BK but it's looking less likely. Me being as I am, I will only do it if the rig can be pretty darn close to "1929 authentic". I'm still spinning my wheels on 160 meter coils in that matter.

73,
Paul

6384. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-06 13:36:12 UTC
From: whitebear1122@comcast.net
Topic: 1178 Message: 6384

Hi Barry, Glad to hear you'll be working the 1929 QSO Party for the first time. Welcome aboard! Most folks use a modern receiver but there are a few folks who enjoy using an old regen to make it as 1929 as possible.

The suggested 40m frequencies are 7100-7125, basically the Novice band. Last year it was very well attended so you should work alot of stations up there.

I don't understand your ladder line question. If you have a 50 ohm coax dipole, that will work fine as long as the antenna is resonant where you are operating . You don't need ladder line for this. Many of us prefer to use ladderline because of its low loss and high efficiency when used with a tuner.

The 1929 QSO Party logsheets and rules will be posted to the AWA website very soon. 73, Scott WA9WFA

----- Original Message -----

From: "barry whittemore" <wb1edi@...>
To: "awa" <awagroup@yahoogroups.com>
Sent: Thursday, September 6, 2012 8:00:44 AM
Subject: RE: [AWA Group] 1929 QSO Party

This will be my first time and i have my type 27 TX and will likely use a more modern RX. (Maybe an HQ-129X) and I will be on 40 only as that is what i am set up for. should i throw up a 40 meter ladder line dipole for antenna? I can throw one togetehr easily and hook it up.
also what would be suggested freqs?
Thanks
Barry
NF1O
Type 27 Hartley

6385. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-06 14:30:07 UTC
From: Eddy Swynar
Topic: 1178 Message: 6385

On 2012-09-06, at 9:00 AM, barry whittemore wrote:

>
>
>
> This will be my first time and i have my type 27 TX and will likely use a more modern RX. (Maybe an HQ-129X) and I will be on 40 only as that is what i am set up for. should i throw up a 40 meter ladder line dipole for antenna? I can throw one togetehr easily and hook it up.
> also what would be suggested freqs?

Hi Barry,

I believe that last year the group agreed to operate up in the old US Novice band segment of 7100- to 7150-KHz, "...far from the madding crowd down below" from there...

Good choice, too, IMHO...

~73!~ de Eddy VE3CUI - VE3XZ
>
>

6386. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-06 22:12:56 UTC
From: Burt
Topic: 1178 Message: 6386

Not So,

I'm not restricting myself to the bottom 10 KC nor should you
for the Bruce Kelly 29 contest

Bon Apetit!

de KB0MM

On Thu, 2012-09-06 at 09:34 -0400, N1BUG wrote:
>
>
> On 09/06/2012 08:37 AM, Eddy Swynar wrote:
>
> >
> > As I said, best leave that band alone until the following "quiet"
> > weekend---and even at that, confine operations to STRICTLY the
> > bottom 10-KHz (Paul, N1BUG, please help me here with a nod of
> > support!).
> >
>
> Nod ;^)
>
> Hi Guys,
>
> I do concur with sticking to the bottom 10 kHz. As I've said before,
> that's about the only place I personally would be comfortable
> operating with the vintage gear. I feel the pain of those who would
> like more general operation and a bit less DXing on 160. On the other
> hand, having been primarily a DXer for many years and being close
> enough to the east coast to hear more than my fair share of puny weak
> DX from the east <grin>, I know how much stuff is out there and how
> eagerly many folks are crawling into the radio straining to hear it...
> and how often the entire "opening" to that rare sought after DX lasts
> a couple of minutes or even less! There is also the matter of serious
> frequency restrictions in many parts of the world. To quote but one
> example, in Japan they are allowed 1810 to 1825 (and, I believe, a
> narrow slice up above 1900 somewhere). In much of the world, the
> allocation starts at 1810. The bottom line, unfortunately, is that
> space is at a premium on 160 - for which I'm afraid there is no cure.
>
> But enough of that!
>
> I agree with Steve's remark about these rigs sounding almost
> Collins-like on 160, if his Hartley is any example! Very FB indeed.
>

> I had hoped to make an appearance on 160 during the BK but it's
> looking less likely. Me being as I am, I will only do it if the rig
> can be pretty darn close to "1929 authentic". I'm still spinning my
> wheels on 160 meter coils in that matter.
>
> 73,
> Paul
>
>
>
>

6387. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-06 23:48:26 UTC
From: Eddy Swynar
Topic: 1178 Message: 6387

On 2012-09-06, at 6:12 PM, Burt wrote:

> Not So,
>
> I'm not restricting myself to the bottom 10 KC nor should you
> for the Bruce Kelly 29 contest
>
> Bon Apetit!

Hi Burt,

Suit yourself, certainly, but the 160-meter crowd is a rather "unique" one, to say the least...

Tread on the toes of guys Stateside attempting to work a DX station there, or blank out some big gun's CQ DX call, and they WILL let you "know" about it---and right away, too! I think that confining ourselves to the bottom 10-KHz of the band---which most of the time is either (A) completely deserted, or, (B) frequented by friendly rag chewing types---will reflect much better upon us devotees of OT radio, rather than assuming an "...in your face!" approach...

Just my $0.02---but go ahead & do what you will, it's still a free country!

~73~ de Eddy VE3CUI - VE3XZ

>

6388. Ham Radio History and Lighthouse Service

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-08 01:06:28 UTC
From: john_kb7nrn
Topic: 6388 Message: 6388

Here's a link to an old story made into a podcast about 7 years ago by KE9V. It's about a stalwart ham and lighthouse keeper on the Oregon coast in 1934. Download the podcast and enjoy.
http://ke9v.net/soapbox/2012/09/tillamook-rock-light.html

John
KB7NRN

6389. RE: photos etc.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-09 00:29:30 UTC
From: Louis Vermond
Topic: 6389 Message: 6389

Hi Joe,
We've lots of photos, but will have to wait until we returned home to share 'em.
There's been a lot of talk about the Kelley Party & 160 on the AWGroup. Occurred to me yesterday that the "UK REL 175" could be my ticket to Top Band this year. I've the rig's original 80/40 mtr coils plus a FB like form waiting for wire.
Looking forward to getting home and starting the new ham season....
73 es CUL, Lou VE3AWA

> Date: Wed, 5 Sep 2012 21:47:22 -0500
> From: n3ibx@...
> To: ldvermond@...
> Subject: Re:
>
> Lou,
> Good hearing from you and thanks for the update on Nelson, B.C. It sounds like I would love it there.
> Did you take any pics?
> Have fun de Joe Cro N3IBX
>
>
> On 09/05/12, Louis Vermond wrote:
>
>
>
>
>
>
> From a chilly mountain side in British Columbia...
>
>
> It's 9:30 AM and I'm feed and ready to strip paint from a 100 year old door. All this way...
>
>
> Nelson is a tourist /neo-hippy town. Many book stores, coffee shops and, yes, a head shop. KK7UV would feel right at home...
>
>
> Beautiful area of the world. A few days ago we travel to a near by to Provincial park to watch the spawning salmon.
>
>
> Hope all are well and has anyone heard from/about Amy?
>
>

> Regards/73, Dad/Lou

6390. Re: [AWA Group] Ham Radio History and Lighthouse Service

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-12 11:35:12 UTC
From: ne1s@securespeed.us
Topic: 6388 Message: 6390

> Here's a link to an old story made into a podcast about 7 years ago by
> KE9V. It's about a stalwart ham and lighthouse keeper on the Oregon coast
> in 1934. Download the podcast and enjoy.
> http://ke9v.net/soapbox/2012/09/tillamook-rock-light.html
>
> John
> KB7NRN

Thanks, John. I just listened to it; it was well-done and I enjoyed it. I read pieces of that story somewhere before - maybe in 200M and down? - but not in the detail of the podcast.

73,
-Larry/NE1S

6391. RE: [EXTERNAL EMAIL] :Re: [AWA Group] Ham Radio History and Lighthouse Service

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-12 13:06:52 UTC
From: Bauman, John
Topic: 6388 Message: 6391

Larry,
You're welcome.

I've listened to a most of KE9V's Long Delayed Echoes podcasts. This one in particular was of interest to me since I'm a born and raised Oregonian. Nothing like a little radio history from one's own stomping grounds.

I do have most of the LDE series saved so if you want to hear more I can send them to you. Also, He has his Cornbread Road series available on his web site home page at the moment. http://ke9v.net/

John
KB7NRN

> Here's a link to an old story made into a podcast about 7 years ago by
> KE9V. It's about a stalwart ham and lighthouse keeper on the Oregon coast
> in 1934. Download the podcast and enjoy.
> http://ke9v.net/soapbox/2012/09/tillamook-rock-light.html
>
> John
> KB7NRN

Thanks, John. I just listened to it; it was well-done and I enjoyed it. I read pieces of that story somewhere before - maybe in 200M and down? - but not in the detail of the podcast.

73,
-Larry/NE1S

6392. [Fwd: [Glowbugs] Mr. Frank: Radio Man on Vimeo]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-13 13:01:00 UTC
From: ne1s@securespeed.us
Topic: 6392 Message: 6392

This was posted the other day on Glowbugs. Just watched the video a (about 10 minutes long) and thought some of you might enjoy it as well.

-Larry/NE1S

---------- Original Message ----------
Subject: [Glowbugs] Mr. Frank: Radio Man on Vimeo
From: "Robert Nickels" <ranickel@...>
Date: Fri, September 7, 2012 1:44 pm
To: tetrode@...

I think many of you will enjoy this short film, "Mr. Frank, Radio Man", which was accepted into the Magic City Shorts Film Festival in Billings, Montana in 2012:

http://vimeo.com/30698535

73, Bob W9RAN

6393. Word of the Day

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 00:45:10 UTC
From: Louis Vermond
Topic: 6393 Message: 6393

polyoxybenzylmethylenglycolanhydride

76/22

6394. Re: [AWA Group] Word of the Day

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 03:36:38 UTC
From: Leonard Meek
Topic: 6393 Message: 6394

Isn't that baking soda?
----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Saturday, September 15, 2012 2:45 PM
Subject: [AWA Group] Word of the Day

polyoxybenzylmethylenglycolanhydride

76/22

6395. Re: [AWA Group] Word of the Day

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 03:41:51 UTC
From: Daniel Petersen
Topic: 6393 Message: 6395

Things a little slow on the forum?
8^)
Dan - W7OIL

On Sat, Sep 15, 2012 at 8:36 PM, Leonard Meek <lemeek@...>wrote:

> **
>
>
> **
> Isn't that baking soda?
>
> ----- Original Message -----
> *From:* Louis Vermond <ldvermond@...>
> *To:* AWAGroup <AWAGroup@yahoogroups.com>
> *Sent:* Saturday, September 15, 2012 2:45 PM
> *Subject:* [AWA Group] Word of the Day
>
> polyoxybenzylmethylenglycolanhydride 76/22
>
>
>

6396. Re: [AWA Group] Word of the Day

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 05:24:17 UTC
From: steve harvey
Topic: 6393 Message: 6396

I can see why they went with "Bakelite".

From: Daniel Petersen <dan.w7oil@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, September 15, 2012 8:41 PM
Subject: Re: [AWA Group] Word of the Day

Things a little slow on the forum?
8^)
Dan - W7OIL

On Sat, Sep 15, 2012 at 8:36 PM, Leonard Meek <lemeek@...> wrote:

>Isn't that baking soda?
>----- Original Message -----
>>From: Louis Vermond
>>To: AWAGroup
>>Sent: Saturday, September 15, 2012 2:45 PM
>>Subject: [AWA Group] Word of the Day
>>
>>
>>polyoxybenzylmethylenglycolanhydride
>>
>>76/22

6397. Re: [AWA Group] Word of the Day

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 05:36:54 UTC
From: Roger Kuchera
Topic: 6393 Message: 6397

I tried some once and failed my breathylzer test!

Roger.

--- On Sun, 9/16/12, steve harvey <thoughtforms@...> wrote:

From: steve harvey <thoughtforms@...>
Subject: Re: [AWA Group] Word of the Day
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Sunday, September 16, 2012, 1:24 AM

I can see why they went with "Bakelite".

From: Daniel Petersen <dan.w7oil@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, September 15, 2012 8:41 PM
Subject: Re: [AWA Group] Word of the Day

Things a little slow on the forum?
8^)
Dan - W7OIL

On Sat, Sep 15, 2012 at 8:36 PM, Leonard Meek <lemeek@...> wrote:

Isn't that baking soda?

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Saturday, September 15, 2012 2:45 PM
Subject: [AWA Group] Word of the Day

polyoxybenzylmethylenglycolanhydride

76/22

6398. Re: [AWA Group] Word of the Day

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 12:22:09 UTC
From: ne1s@securespeed.us
Topic: 6393 Message: 6398

> Isn't that baking soda?

Nope. Baking soda = sodium bicarbonate ($NaHCO_3$)

Lou's "word of the day" is some organic compound. My degree was in chemistry, with concentration in organic chemistry, but I couldn't draw the structure of it off the top of my head.

73,
-Larry/NE1S

6399. 1929 Bruce Kelley QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 12:34:34 UTC
From: Eddy Swynar
Topic: 6399 Message: 6399

Hi Guys,

I've reprinted (below) a "heads up" that I sent to-day to the Topband Reflector in the matter of our "invasion" of that sand box in the coming weeks...

Better that the denizens there be aware of & expect our impending arrival, rather than be shocked & awed by a multitude of chirpy & yoopy "CQ AWA" callers...!

~73~ de Eddy VE3CUI - VE3XZ

6400. Re: 1929 Bruce Kelley QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 13:11:14 UTC
From: Eddy Swynar
Topic: 6399 Message: 6400

On 2012-09-16, at 8:34 AM, Eddy Swynar wrote:

> Hi Guys,
>
> I've reprinted (below) a "heads up" that I sent to-day to the Topband Reflector in the matter of our "invasion" of that sand box in the coming weeks...
>
> Better that the denizens there be aware of & expect our impending arrival, rather than be shocked & awed by a multitude of chirpy & yoopy "CQ AWA" callers...!
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>

Hi All,

Let's try this again, only CORRECTLY this time around...! : >)

~73~ de Eddy VE3CUI - VE3XZ

On 2012-09-16, at 3:25 AM, Tom W8JI wrote:

>
> Our region sets digital modes as 1800-1810.
>

Good Day All,

This is related to the ongoing discussion in a very limited way, but it still warrants the attention of regular users of Topband, IMHO---in fact, it may actually even be of interest to a few of you reading this...

Specifically, every year The Antique Wireless Association (NY, USA) sponsors the "Bruce Kelley 1929 QSO Party" for two weekends in late autumn: this year marks the first time that 160-meters will be added to the existing 80- and 40-meter bands of activity. Details may be seen at http://www.antiquewireless.org/pdf/AWA_2012-2013_Event_Schedule.pdf

The gist of the event is simply this: members dust off any available 1929 (and earlier) active devices---also known as "tubes"(!)---and incorporate them into homebrewed, self-excited transmitters, with a maximum limit of 10-watts input (double that, optional, after midnight).

The conflict with the ARRL 160-Meter Contest on 30th November - 2nd December (the first weekend of the AWA Party) doubtlessly means that the bulk of the AWA doings will take place during the second scheduled weekend, i.e. 8th December (2300Z) - 9th December (2300Z). I have strongly recommended to the powers-that-be at AWA that any & all AWA participants at that time limit themselves just to the 1800- to 1810-KHz "window", so as not to tread upon the toes of those who participate in what I consider to be THE major activity on the band

from 1810- to 1840-KHz, i.e. CW DX'ing. Hopefully this will, indeed, be the case, and all will be well both for the DX crowd, as well as those aficiandos of QRP chirping / yooping / buzzing CW emanations...!

~73~ de Eddy VE3CUI - VE3XZ

6401. Xtal filter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 17:11:05 UTC
From: john_kb7nrn
Topic: 6401 Message: 6401

I just posted the schematic for the QST three tube superhet from 1941. See john_kb7nrn/1941 suprhet in photo albums. It also showed up in later handbooks through the '40s.

I have all the parts to build the receiver, even the Millen IF and BFO xformers. I would like to add a simple xtal filter, I have 1600 kc xtals in HC6 cans. Where would be the best place to insert the xtal in the IF path?

John
KB7NRN

6402. Re: Xtal filter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 20:02:04 UTC
From: Niel - W0VLZ
Topic: 6401 Message: 6402

John,

I started out with the 1941 two tube superhet and added a BFO and simple crystal filter to it. See http://www.prismnet.com/~nielw/3tube_xtal/3tube_xtal.htm I merely put the crystal in the regenerative IF stage feedback path.

73,
Niel - W0VLZ

--- In AWAGroup@yahoogroups.com, "john_kb7nrn" <john.bauman@...> wrote:
>
> I just posted the schematic for the QST three tube superhet from 1941. See john_kb7nrn/1941 suprhet in photo albums. It also showed up in later handbooks through the '40s.
>
> I have all the parts to build the receiver, even the Millen IF and BFO xformers. I would like to add a simple xtal filter, I have 1600 kc xtals in HC6 cans. Where would be the best place to insert the xtal in the IF path?
>
> John
> KB7NRN
>

6403. Re: [AWA Group] Xtal filter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 21:07:16 UTC
From: ne1s@securespeed.us
Topic: 6401 Message: 6403

> I just posted the schematic for the QST three tube superhet from 1941. See
> john_kb7nrn/1941 suprhet in photo albums. It also showed up in later
> handbooks through the '40s.
>
> I have all the parts to build the receiver, even the Millen IF and BFO
> xformers. I would like to add a simple xtal filter, I have 1600 kc xtals
> in HC6 cans. Where would be the best place to insert the xtal in the IF
> path?
>
> John
> KB7NRN
>
>

Hi John,

Usually as early in the signal path as possible - i.e., between the mixer
and 1st IF.
Good luck with the project!

73,
-Larry/NE1S

6404. RE: [EXTERNAL EMAIL] :[AWA Group] Re: Xtal filter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 21:10:59 UTC
From: Bauman, John
Topic: 6401 Message: 6404

OK Niel,
I remember now talking to you about this last year or so. I'm just getting around to building it.
The three tube superhet doesn't use a regen detector, just a simple diode detector. So would you
place the xtal just befor the detector, between T2 and the 6C8G?

Also, I have two of these 1600 kc xtals, would there be an advantage to using both of them? A simple ladder filter or something like that?

JB

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Niel - W0VLZ [w0vlz@...]
Sent: Sunday, September 16, 2012 1:02 PM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :[AWA Group] Re: Xtal filter

John,

I started out with the 1941 two tube superhet and added a BFO and simple crystal filter to it. See http://www.prismnet.com/~nielw/3tube_xtal/3tube_xtal.htm I merely put the crystal in the regenerative IF stage feedback path.

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Niel - W0VLZ

--- In AWAGroup@yahoogroups.com<mailto:AWAGroup%40yahoogroups.com>, "john_kb7nrn" <john.bauman@...> wrote:
>
> I just posted the schematic for the QST three tube superhet from 1941. See john_kb7nrn/1941 suprhet in photo albums. It also showed up in later handbooks through the '40s.
>
> I have all the parts to build the receiver, even the Millen IF and BFO xformers. I would like to add a simple xtal filter, I have 1600 kc xtals in HC6 cans. Where would be the best place to insert the xtal in the IF path?
>
> John
> KB7NRN
>

6405. RE: [EXTERNAL EMAIL] :Re: [AWA Group] Xtal filter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 21:11:28 UTC
From: Bauman, John
Topic: 6401 Message: 6405

Thanks Larry!
You're the second one to suggest this.

So given the schematic I'm using would it go between the mixer tube and T1 or
T1 and the IF amp tube?

JB

_____
From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of ne1s@...
[ne1s@securespeed.us]
Sent: Sunday, September 16, 2012 2:07 PM
To: AWAGroup@...m
Subject: [EXTERNAL EMAIL] :Re: [AWA Group] Xtal filter

Hi John,

Usually as early in the signal path as possible - i.e., between the mixer
and 1st IF.
Good luck with the project!

73,
-Larry/NE1S

6406. RE: [EXTERNAL EMAIL] :Re: [AWA Group] Xtal filter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-16 21:24:38 UTC
From: ne1s@securespeed.us
Topic: 6401 Message: 6406

> Thanks Larry!
> You're the second one to suggest this.
>
> So given the schematic I'm using would it go between the mixer tube and T1
> or
> T1 and the IF amp tube?
>

I haven't seen the schematic, unfortunately (and don't have a yahoogroups password to see the files that folks on here often post links to).

But, yes, if the design uses an IF stage, the XTAL would be inserted between the secondary of the 1st IF xfmr and the grid of the 1st IF stage. You'd also need to get a 180 deg. out-of phase IF signal from the IF xfmr grid winding for "phasing." One way to do that is to split the resonating capacitor in the IF can into 2 series units and ground the common connection between the 2 capacitors. You then need to have a DC return for the grid of the 1st IF tube through an RF choke (or high-value resistor?).

But Neil's design did not use an IF stage - the output of the mixer went directly to a regenerative 6J7 2nd detector.

Can you send me a file for your schematic directly?

-Larry

6407. What price?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-17 17:12:09 UTC
From: Roger Kuchera
Topic: 6407 Message: 6407

Gentlemen,
I am in need of some general information re: prices on two National receivers. Someone offered to buy my surplus SW-3 (type 2) with 2 Jim Fred coils, HRO Sr. with 7 coils. I looked around the net but came up with zero data.

I don't need detailed info just a ball park idea. As always, Thank you for your time and effort.

CUL, Roger/K1TG

6408. McElroy MT-35

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-18 20:03:33 UTC
From: Louis Vermond
Topic: 6408 Message: 6408

Hi,

Anyone know the specific type of plug-in forms that were used with the McElroy MT-35 rig?

Tks, Lou

6409. RE: [AWA Group] McElroy MT-35

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-19 00:26:02 UTC
From: Steve Flood
Topic: 6408 Message: 6409
Attachments: 2 described; binary payloads are missing from this source WARC

Wonder if they were the same as the WRL Globetrotter?

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, September 18, 2012 2:04 PM
To: AWAGroup
Cc: Joe Cro N3IBX
Subject: [AWA Group] McElroy MT-35

Hi,

Anyone know the specific type of plug-in forms that were used with the McElroy MT-35 rig?

Tks, Lou

6410. Re: [AWA Group] McElroy MT-35

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-19 01:22:22 UTC
From: Louis Vermond
Topic: 6408 Message: 6410

I'll back up. The MT-35 (less coils) belongs to Jim, VE3BHK. Jim asked me if I knew the type of forms that were use. Nope...

Offhand Methinks they're standard 5 pin Hammarlunds, but will have to double check for you. I "think" they're identical to the WRL "Globe Trotter" rig. I have a complete set with my rig from 10 thru 80M. Joe N3IBX

Wonder if they were the same as the WRL Globetrotter? Young Steve

If they were Hammarlunds they will be easy enough to find. What say, Joe?

GN, Lou

6411. Re: [AWA Group] Digest Number 779

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-19 16:49:05 UTC
From: N3IBX
Topic: 6411 Message: 6411

On 09/19/12, AWAGroup@yahoogroups.com wrote:

Antique Wireless Association Group

3 New
Messages

Digest #779

1a

McElroy MT-35

by
"Louis Vermond"
louisvermond

1b

Re: McElroy MT-35

by
"Steve Flood"
kk7uv

1c

Re: McElroy MT-35

by
"Louis Vermond"
louisvermond

Messages

1a

McElroy MT-35

Tue Sep 18, 2012 1:06 pm (PDT) . Posted by:

"Louis Vermond" louisvermond

Hi,

Anyone know the specific type of plug-in forms that were used with the McElroy MT-35 rig?

Tks, Lou

Reply to sender

.

Reply to group

.

Reply via Web Post

.

All Messages
(3)

.

Top ^

1b

Re: McElroy MT-35

Tue Sep 18, 2012 5:26 pm (PDT) . Posted by:

"Steve Flood" kk7uv

Wonder if they were the same as the WRL Globetrotter?

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf

Of Louis Vermond

Sent: Tuesday, September 18, 2012 2:04 PM

To: AWAGroup

Cc: Joe Cro N3IBX

Subject: [AWA Group] McElroy MT-35

Hi,

Anyone know the specific type of plug-in forms that were used with the

McElroy MT-35 rig?

Tks, Lou

Reply to sender

.

Reply to group

.

Reply via Web Post

.

All Messages
(3)

.

Top ^

1c

Re: McElroy MT-35

Tue Sep 18, 2012 6:22 pm (PDT) . Posted by:

"Louis Vermond" louisvermond

I'll back up. The MT-35 (less coils) belongs to Jim, VE3BHK. Jim asked me if I knew the type of forms that were use. Nope...

Offhand Methinks they're standard 5 pin Hammarlunds, but will have to double check for you. I "think" they're identical to the WRL "Globe Trotter" rig. I have a complete set with my rig from 10 thru 80M. Joe N3IBX

Wonder if they were the same as the WRL Globetrotter? Young Steve

If they were Hammarlunds they will be easy enough to find. What say, Joe?

GN, Lou

Reply to sender

.

Reply to group

.

Reply via Web Post

.

All Messages
(3)

.

Top ^

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>

1 New Photos

>

We are making changes based on your feedback, Thank you !

Submit Feedback

>

The Yahoo! Groups Product Blog

Check it out!

>

CHANGE SETTINGS

>

TERMS OF USE

>

Hello Lou,
I'm still pressed for time here. I need to pull out my Globetrotter and look at the coil forms I have for all of the bands.I'll need a few days to get things together as my XYL may be coming home from the hospital today,tomorrow or Friday.

Please give me some time and maybe a friendly reminder or two as all I have going through my head right now is medical vernacular for things I need to know as a 24/7 ICU Nurse when Jocelyn comes home from the hospital.

Regards,
Joe Cro N3IBX

PS: I'll be glad to help out anyone I can if they can give me a little time to find things. I'll need to sneak downstairs in the middle of the night to find the box of coils I have for the WRL Globetrotter circa 1946. I'm almost certain it's identical to the McElroy MT-35, with a single 807 Heising modulated via 6V6's.

UNSUBSCRIBE

>

he

6412. Kutztown, PA Radio Show

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-20 19:41:01 UTC
From: RJ Mattson
Topic: 6412 Message: 6412

Anyone going to the Kutztown PA Radio Show Fri-Sat?

<http://www.dvhrc.info/kutztown.html>

It will be our first year to attend.
We will show in Booth 650.

BCNU FRI-SAT
Bob...w2ami x wn2ami 1962
Alice n2wsv

6413. Looking for a large National cap.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-21 02:12:49 UTC
From: ab9zg@ymail.com
Topic: 6413 Message: 6413

Anybody have one of the "large" National transmitting condensers that they are willing to sell?
They have a split-stator, Pyrex insulation, and are designed for 500 watts or more.
Seen below is one next to a standard National "DX" transmitting condenser and 4" Velvet Vernier.

6414. Anyone Into Military Radio...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-22 18:55:11 UTC
From: Eddy Swynar
Topic: 6414 Message: 6414

Hi Guys,

Cruising around the internet I found this little morsel from Collins, "FWIW":

http://ontario.kijiji.ca/c-buy-and-sell-art-collectibles-Military-airforce-bomber-command-AN-ART-13A-radio-RCAF-W0QQAdIdZ407203413

~73~ de Eddy VE3CUI - VE3XZ

6415. RE: [AWA Group] Anyone Into Military Radio...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-22 18:58:25 UTC
From: Mike Feher
Topic: 6414 Message: 6415

That is an excellent price for such a nice ART-13. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Saturday, September 22, 2012 2:55 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Anyone Into Military Radio...?

Hi Guys,

Cruising around the internet I found this little morsel from Collins, "FWIW":

http://ontario.kijiji.ca/c-buy-and-sell-art-collectibles-Military-airforce-bomber-command-AN-ART-13A-radio-RCAF-W0QQAdIdZ407203413

~73~ de Eddy VE3CUI - VE3XZ

6416. Re: [AWA Group] Anyone Into Military Radio...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-22 19:01:16 UTC
From: Eddy Swynar
Topic: 6414 Message: 6416

Hi Mike,

Yes, and the price was actually REDUCED, too...!

~73~ de Eddy VE3CUI - VE3XZ

On 2012-09-22, at 2:58 PM, Mike Feher wrote:

>
> That is an excellent price for such a nice ART-13. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy
Swynar
> Sent: Saturday, September 22, 2012 2:55 PM
> To: AWAGroup@yahoogroups.com
> Subject: [AWA Group] Anyone Into Military Radio...?
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> Cruising around the internet I found this little morsel from Collins, "FWIW":
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> http://ontario.kijiji.ca/c-buy-and-sell-art-collectibles-Military-airforce-bomber-comman
d-AN-ART-13A-radio-RCAF-W0QQAdIdZ407203413
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>

> ~73~ de Eddy VE3CUI - VE3XZ
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>

6417. RE: [AWA Group] Anyone Into Military Radio...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-22 19:02:17 UTC
From: Mike Feher
Topic: 6414 Message: 6417

It is amazing it is still on there. On eBay that would probably bring at least $400. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Saturday, September 22, 2012 3:01 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Anyone Into Military Radio...?

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~73~ de Eddy VE3CUI - VE3XZ

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Saturday, September 22, 2012 2:55 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Anyone Into Military Radio...?

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~73~ de Eddy VE3CUI - VE3XZ

6418. Re: [AWA Group] Anyone Into Military Radio...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-22 19:07:07 UTC
From: Eddy Swynar
Topic: 6414 Message: 6418

Hi Again Mike,

Well, the ad says that it's non-working---but how many horror stories have we heard about eBay'ers selling "...just like new!" stuff that, in reality, barely meets the "parts donor rig" category...?! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

On 2012-09-22, at 3:02 PM, Mike Feher wrote:

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> Mike B. Feher, N4FS
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> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
> Sent: Saturday, September 22, 2012 3:01 PM
> To: AWAGroup@...m
> Subject: Re: [AWA Group] Anyone Into Military Radio...?
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> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy
Swynar
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> ~73~ de Eddy VE3CUI - VE3XZ
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6419. RE: [AWA Group] Anyone Into Military Radio...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-22 19:55:37 UTC
From: Mike Feher
Topic: 6414 Message: 6419

I doubt if the seller knows how to make it work, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Eddy Swynar
Sent: Saturday, September 22, 2012 3:07 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Anyone Into Military Radio...?

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
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To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Anyone Into Military Radio...?

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Sent: Saturday, September 22, 2012 2:55 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Anyone Into Military Radio...?

Hi Guys,

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http://ontario.kijiji.ca/c-buy-and-sell-art-collectibles-Military-airforce-bomber-command-AN-ART-13A-radio-RCAF-W0QQAdIdZ407203413

~73~ de Eddy VE3CUI - VE3XZ

6420. Huh...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-23 15:23:02 UTC
From: Eddy Swynar
Topic: 6420 Message: 6420

Hi Guys,

"...Vas ees das..." ???

http://www.ebay.com/itm/BH607-Vtg-Home-Brew-Antenna-Tuner-w-Hammarlund-Triplett-Components-Ham-Radio-/370650153487?pt=Vintage_Electronics_R2&hash=item564c78820f

~73~ de Eddy VE3CUI - VE3XZ

6421. Re: [AWA Group] Huh...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-23 16:43:17 UTC
From: Jim Robson
Topic: 6420 Message: 6421

I saw a similar item in a museum. I am pretty sure it is a variable
hair curler. The speaker is to drown out the 'customer's' shrieking.
73, Jim/VE3BHK

On 23/09/12 11:23 AM, Eddy Swynar wrote:
>
> */Hi Guys,/*
>
>
> "...Vas ees das..." ???
>
> http://www.ebay.com/itm/BH607-Vtg-Home-Brew-Antenna-Tuner-w-Hammarlund-Triplett-Componen
ts-Ham-Radio-/370650153487?pt=Vintage_Electronics_R2&hash=item564c78820f
> <http://www.ebay.com/itm/BH607-Vtg-Home-Brew-Antenna-Tuner-w-Hammarlund-Triplett-Compone
nts-Ham-Radio-/370650153487?pt=Vintage_Electronics_R2&hash=item564c78820f>
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>

6422. Re: [AWA Group] Huh...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-24 12:10:56 UTC
From: ne1s@securespeed.us
Topic: 6420 Message: 6422

Definitely not an "antenna tuner," of course. It looks like the
cannibalized remains of a buffer/IPA amp for an old buzzard kilowatt rig.
And it ain't worth no $100, at least not to this kid!

73,
-Larry/NE1S

> I saw a similar item in a museum. I am pretty sure it is a variable
> hair curler. The speaker is to drown out the 'customer's' shrieking.
> 73, Jim/VE3BHK
>
> On 23/09/12 11:23 AM, Eddy Swynar wrote:
>>
>> */Hi Guys,/*
>>
>>
>> "...Vas ees das..." ???
>>
>> http://www.ebay.com/itm/BH607-Vtg-Home-Brew-Antenna-Tuner-w-Hammarlund-Triplett-Compone
nts-Ham-Radio-/370650153487?pt=Vintage_Electronics_R2&hash=item564c78820f
>> <http://www.ebay.com/itm/BH607-Vtg-Home-Brew-Antenna-Tuner-w-Hammarlund-Triplett-Compon
ents-Ham-Radio-/370650153487?pt=Vintage_Electronics_R2&hash=item564c78820f>
>>
>> */~73~ de Eddy VE3CUI - VE3XZ/*
>>
>

6423. Re: [AWA Group] Huh...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-24 18:21:08 UTC
From: Roger Kuchera
Topic: 6420 Message: 6423

Unfortunately, you guys missed the most obvious ID! It is a self-heating, inductively-coupled dust collector. Simple, yes?

CUL, Roger/K1TG

--- On Mon, 9/24/12, ne1s@... <ne1s@...> wrote:

> From: ne1s@securespeed.us <ne1s@...>
> Subject: Re: [AWA Group] Huh...?
> To: AWAGroup@yahoogroups.com
> Date: Monday, September 24, 2012, 8:10 AM
> Definitely not an "antenna tuner," of
> course. It looks like the
> cannibalized remains of a buffer/IPA amp for an old buzzard
> kilowatt rig.
> And it ain't worth no $100, at least not to this kid!
>
> 73,
> -Larry/NE1S
>
> > I saw a similar item in a museum. I am pretty
> sure it is a variable
> > hair curler. The speaker is to drown out the
> 'customer's' shrieking.
> > 73, Jim/VE3BHK
> >
> > On 23/09/12 11:23 AM, Eddy Swynar wrote:
> >>
> >> */Hi Guys,/*
> >>
> >>
> >> "...Vas ees das..." ???
> >>
> >> http://www.ebay.com/itm/BH607-Vtg-Home-Brew-Antenna-Tuner-w-Hammarlund-Triplett-Components-Ham-Radio-/370650153487?pt=Vintage_Electronics_R2&hash=item564c78820f
> >> <http://www.ebay.com/itm/BH607-Vtg-Home-Brew-Antenna-Tuner-w-Hammarlund-Triplett-Components-Ham-Radio-/370650153487?pt=Vintage_Electronics_R2&hash=item564c78820f>
> >>
> >> */~73~ de Eddy VE3CUI - VE3XZ/*
> >>
> >
>
>
>
>
> ------------------------------------

>
> Yahoo! Groups Links
>
>
> AWAGroup-fullfeatured@yahoogroups.com
>
>

6424. Johnson Match Boxes on Ebay

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-24 19:57:31 UTC
From: cwopr
Topic: 6424 Message: 6424

If anyone needs a Johnson Match box, you might check Ebay...there are at least 9 up for auction. There might be a bargain amongst that many.

73 de Bill K4JYS

6425. Coil Winder

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-26 01:06:05 UTC
From: Eddy Swynar
Topic: 6425 Message: 6425

Hi Guys,

Wasn't someone here looking for one of these gadgets a coupla months ago...?

http://toronto.kijiji.ca/c-buy-and-sell-business-industrial-Brand-New-Manual-Coil-Winding-Machine-Tesla-Tranformer-Ham-Radio-W0QQAdIdZ395914486

~73~ de Eddy VE3CUI - VE3XZ

6426. MARCONI COASTAL STATION MORSE TAPPER

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-26 12:04:19 UTC
From: Louis Vermond
Topic: 6426 Message: 6426

http://www.ebay.com/itm/-/290779097811?item=290779097811&ViewItem=&ssPageName=ADME:B:SS:US:1123

Welcome back home, VE3SL...

6427. 4 pin UX socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-28 14:12:32 UTC
From: Louis Vermond
Topic: 6427 Message: 6427
Attachments: 1 described; binary payloads are missing from this source WARC

Hi,

Wish to make a tube socket adapter from a 4 pin UX socket to UK valve base.

Does anyone have an extra socket for sale or trade?

73, Lou
Example of what I'm getting at, but 4 pin.

6428. Re: [AWA Group] 4 pin UX socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-28 15:09:15 UTC
From: Roger Kuchera
Topic: 6427 Message: 6428
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou,
    At the risk of sounding stupid, do you need the tube base or the socket. I have extra sockets....the one that goes in the chassis, that is.

Roger.

--- On Fri, 9/28/12, Louis Vermond <ldvermond@sympatico.ca> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] 4 pin UX socket
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Friday, September 28, 2012, 10:12 AM

Hi,

Wish to make a tube socket adapter from a 4 pin UX socket to UK valve base.

Does anyone have an extra socket for sale or trade?

73, Lou
Example of what I'm getting at, but 4 pin.

6429. Re: [AWA Group] 4 pin UX socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-28 17:28:08 UTC
From: Louis Vermond
Topic: 6427 Message: 6429
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou,
At the risk of sounding stupid, do you need the tube base or the socket. I have extra sockets....the one that goes in the chassis, that is.

Roger.

Hallo Roger,

Tks.

It's a 4-pin socket I need. The type of socket shown is gud fit for a UK valve base.

'UK Rig' / US tube.

73, Lou

6430. CW help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-09-30 22:49:46 UTC
From: Robert S Jenkins
Topic: 1178 Message: 6430

Hello all,

Would someone be willing to help out a new CW operator? I have been studying the code, but have not been able to make an actual CW QSO.

I need help!

Thank you,

Robert S Jenkins
KG4KGL

6431. Re: [AWA Group] CW help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-01 00:26:28 UTC
From: Louis Vermond
Topic: 1178 Message: 6431

Would someone be willing to help out a new CW operator? I have been studying the code, but have not been able to make an actual CW QSO.

Hello Robert,

I need help as well... Which band(s) are you available on and would tomorrow Monday evening do?

73, Lou
VE3AWA

6432. Re: [AWA Group] CW help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-01 02:30:11 UTC
From: Robert S Jenkins
Topic: 1178 Message: 6432

I can do 80, 40, or 20m. Monday is one of the days I visit my aunt in the nursing home. I can be home by 1930EST.

Just let me know the band and freq.

Thank you,

Robert
KG4KGL

On Sep 30, 2012, at 20:26, Louis Vermond <ldvermond@...> wrote:

>
>
> Would someone be willing to help out a new CW operator? I have been studying the code, but have not been able to make an actual CW QSO.
>
> Hello Robert,
>
> I need help as well... Which band(s) are you available on and would tomorrow Monday evening do?
>
> 73, Lou
> VE3AWA
>
>
>
>

6433. Re: [AWA Group] CW help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-01 10:55:40 UTC
From: Louis Vermond
Topic: 1178 Message: 6433

GM Robert,

Let's make it 9 PM EST on 80 between 3570-3580. I'll call you for 15 minutes. OK?

73, Lou
VE3AWA

----- Original Message -----
From: Robert S Jenkins
To: AWAGroup@yahoogroups.com
Sent: 2012-09-30 10:30 PM
Subject: Re: [AWA Group] CW help

I can do 80, 40, or 20m. Monday is one of the days I visit my aunt in the nursing home. I can be home by 1930EST.

Just let me know the band and freq.

Thank you,

Robert
KG4KGL

On Sep 30, 2012, at 20:26, Louis Vermond <ldvermond@sympatico.ca> wrote:

Would someone be willing to help out a new CW operator? I have been studying the code, but have not been able to make an actual CW QSO.

Hello Robert,

I need help as well... Which band(s) are you available on and would tomorrow Monday evening do?

73, Lou
VE3AWA

6434. Re: [AWA Group] CW help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-01 11:22:08 UTC
From: Robert S Jenkins
Topic: 1178 Message: 6434

That sounds like a plan. Will see you then.

Robert
KG4KGL

Sent from my iPhone

On Oct 1, 2012, at 6:55, Louis Vermond <ldvermond@...> wrote:

>
>
> GM Robert,
>
> Let's make it 9 PM EST on 80 between 3570-3580. I'll call you for 15 minutes. OK?
>
> 73, Lou
> VE3AWA
>
>
> ----- Original Message -----
> From: Robert S Jenkins
> To: AWAGroup@yahoogroups.com
> Sent: 2012-09-30 10:30 PM
> Subject: Re: [AWA Group] CW help
>
> I can do 80, 40, or 20m. Monday is one of the days I visit my aunt in the nursing home. I can be home by 1930EST.
>
> Just let me know the band and freq.
>
> Thank you,
>
> Robert
> KG4KGL
>
> On Sep 30, 2012, at 20:26, Louis Vermond <ldvermond@...> wrote:
>
>> Would someone be willing to help out a new CW operator? I have been studying the code, but have not been able to make an actual CW QSO.
>>
>> Hello Robert,
>>
>> I need help as well... Which band(s) are you available on and would tomorrow Monday evening do?
>>
>> 73, Lou

>> VE3AWA
>>
>
>
>

6435. Re: [AWA Group] CW help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-01 11:23:50 UTC
From: Robert S Jenkins
Topic: 1178 Message: 6435

Oh and GM to you.

Robert
KG4KGL

On Oct 1, 2012, at 6:55, Louis Vermond <ldvermond@...> wrote:

>
>
> GM Robert,
>
> Let's make it 9 PM EST on 80 between 3570-3580. I'll call you for 15 minutes. OK?
>
> 73, Lou
> VE3AWA
>
>
> ----- Original Message -----
> From: Robert S Jenkins
> To: AWAGroup@yahoogroups.com
> Sent: 2012-09-30 10:30 PM
> Subject: Re: [AWA Group] CW help
>
> I can do 80, 40, or 20m. Monday is one of the days I visit my aunt in the nursing home. I can be home by 1930EST.
>
> Just let me know the band and freq.
>
> Thank you,
>
> Robert
> KG4KGL
>
> On Sep 30, 2012, at 20:26, Louis Vermond <ldvermond@...> wrote:
>
>> Would someone be willing to help out a new CW operator? I have been studying the code, but have not been able to make an actual CW QSO.
>>
>> Hello Robert,
>>
>> I need help as well... Which band(s) are you available on and would tomorrow Monday evening do?
>>
>> 73, Lou
>> VE3AWA
>>

>
>
>

6436. Re: [AWA Group] CW help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-01 11:50:18 UTC
From: Louis Vermond
Topic: 1178 Message: 6436

Oh and GM to you. Tks, CUL...

6437. eBay Alert !!!!!!!!!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-02 11:49:24 UTC
From: Louis Vermond
Topic: 6437 Message: 6437

http://www.ebay.com/itm/NATIONAL-RADIO-FB7-RADIO-RECEIVERS-/140859000860?pt=US_Ham_Radio_Receivers&hash=item20cbd9c81c

6438. Re: [AWA Group] eBay Alert !!!!!!!!!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-02 15:06:25 UTC
From: Roger Kuchera
Topic: 6437 Message: 6438

Been there. Done that.

R.

--- On Tue, 10/2/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] eBay Alert !!!!!!!!!!!
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Tuesday, October 2, 2012, 7:49 AM

http://www.ebay.com/itm/NATIONAL-RADIO-FB7-RADIO-RECEIVERS-/140859000860?pt=US_Ham_Radio_Receivers&hash=item20cbd9c81c

6439. Re: [AWA Group] eBay Alert !!!!!!!!!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-02 15:29:14 UTC
From: ve7sl@shaw.ca
Topic: 6437 Message: 6439

I've seen this pair here before so suspect his reserve bid is pretty high.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6440. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-03 13:12:31 UTC
From: Louis Vermond
Topic: 130 Message: 6440

Heathkit DX-35 and DX-40 Transmitter Crystal Door #2

http://www.ebay.ca/itm/Heathkit-DX-35-and-DX-40-Transmitter-Crystal-Door-2-/251154366327?pt=US_Ham_Radio_Transmitters&hash=item3a79f77f77

6441. QSL / VE3ER 1934 Toronto, CANADA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-04 11:06:52 UTC
From: Louis Vermond
Topic: 6441 Message: 6441
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

6442. Re: [AWA Group] QSL / VE3ER 1934 Toronto, CANADA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-04 15:06:01 UTC
From: Roger Kuchera
Topic: 6441 Message: 6442
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou,

The 830 is an interesting tube. It's a graphite-plate triode and it came in two (2) varieties; the 830 had the plate connection come through the socket and the 830B plate was brought out through a cap on the top of the bulb. That is the tube I use in my 1934 (GG) transmitter. It must be carefully neutralized. I would guess that a pair in PP would be good for nearly 100 watts depending on how badly they are being beat up. I run close 900 volts on my single bottle. To be honest, I run a tiny muffin fan blowing on the tube itself.....Cool as a cucumber.

CUL, Roger/K1TG

--- On Thu, 10/4/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] QSL / VE3ER 1934 Toronto, CANADA
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Thursday, October 4, 2012, 7:06 AM

6443. eBay Alert Just the Beauty of It

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-05 13:04:05 UTC
From: Louis Vermond
Topic: 6443 Message: 6443
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/ELLIOTT-BROS-LONDON-DOUBLE-KEY-TELECOMMUNICATION-CABLE-INSTRUMENT-BOX-/280987972765?ssPageName=ADME:B:SS:US:1123

6444. Ai Caramba...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-06 15:20:01 UTC
From: Eddy Swynar
Topic: 6444 Message: 6444

Mama Mia...!!!

http://www.ebay.com/itm/RCA-AR-60-AR-60-R-Pre-AR-88-Receiver-Works-Amelia-Earhart-disappearance-/390477570792?pt=LH_DefaultDomain_0&hash=item5aea46e2e8

~73~ de Eddy VE3CUI - VE3XZ

6445. Re: [AWA Group] Ai Caramba...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-06 15:23:52 UTC
From: Louis Vermond
Topic: 6444 Message: 6445

Wonder how many Mike & Joe have?

Mama Mia...!!!

http://www.ebay.com/itm/RCA-AR-60-AR-60-R-Pre-AR-88-Receiver-Works-Amelia-Earhart-disappearance-/390477570792?pt=LH_DefaultDomain_0&hash=item5aea46e2e8

~73~ de Eddy VE3CUI - VE3XZ

6446. Re: [AWA Group] Ai Caramba...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-06 15:39:43 UTC
From: ve7sl@shaw.ca
Topic: 6444 Message: 6446

Eddy - sounds like this guy has been watching too many Twilight Zones

http://www.ebay.com/itm/RCA-AR-60-AR-60-R-Pre-AR-88-Receiver-Works-Amelia-Earhart-disappearance-/390477570792?pt=LH_DefaultDomain_0&hash=item5aea46e2e8

~73~ de Eddy VE3CUI - VE3XZ

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6447. AWA Group -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-07 04:02:41 UTC
From: Mike Feher
Topic: 6447 Message: 6447

How about your name and location?. Regards - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

6448. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-07 11:59:13 UTC
From: Louis Vermond
Topic: 130 Message: 6448
Attachments: 1 described; binary payloads are missing from this source WARC

Odd combination.

http://www.ebay.com/itm/Used-RCA-Radiotron-UX210-and-Western-Electric-216A-Two-Tubes-w-Boxes-/350615917782?ssPageName=ADME:B:SS:US:1123

6449. Collins 30J-18 transmitter parts wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-08 21:03:12 UTC
From: David
Topic: 6449 Message: 6449

Hello All,

I am restoring a Collins 30J-18 250 watt transmitter. I am looking for a few parts and am hoping you can look through your parts to find what I need to complete the restoration.

1. Collins 7000B exciter coils
2. Collins 7000C-5 Exciter Coils
3. 6" ceramic output coils (varios turns required)
4. Crystals for 80, 40, and 20 meters

I have pictures of these items and can send them to anyone that asks. Please let me know if you can help me out here. I will pay whatever is required to acquire these parts.

David Eppert, VE7EPP ve7epp@... 604-781-1773

6450. Re: [AWA Group] Collins 30J-18 transmitter parts wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-08 22:15:29 UTC
From: Jim Robson
Topic: 6449 Message: 6450

I have no idea, but I recently sent a radio to this gentleman who seems to have some Collins history: http://www.willcoele.com/radio_repair/ Might be worth an e-mail? Hope this helps. 73/Jim/VE3BHK

On 08/10/12 5:03 PM, David wrote:
>
> Hello All,
>
> I am restoring a Collins 30J-18 250 watt transmitter. I am looking for
> a few parts and am hoping you can look through your parts to find what
> I need to complete the restoration.
>
> 1. Collins 7000B exciter coils
> 2. Collins 7000C-5 Exciter Coils
> 3. 6" ceramic output coils (varios turns required)
> 4. Crystals for 80, 40, and 20 meters
>
> I have pictures of these items and can send them to anyone that asks.
> Please let me know if you can help me out here. I will pay whatever is
> required to acquire these parts.
>
> David Eppert, VE7EPP ve7epp@... <mailto:ve7epp%40rac.ca> 604-781-1773
>
>

6451. RE: [AWA Group] Collins 30J-18 transmitter parts wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-08 21:29:02 UTC
From: David Eppert
Topic: 6449 Message: 6451
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you Jim. I have sent him an email.

Best Regards,

David Eppert, President

DeployLogo2011F

Deploy Technologies Inc.

19011 - 1153 56th Street,

Delta, BC, V4L 2A2

Mobile: 604-781-1773

Phone: 1-888-213-3888

Fax: 1-888-777-8099

Email: david@...

Web: www.deploy.ca

CNSX Symbol: <http://www.cnsx.ca/Page.asp?PageID=2013&AA_RecordID=411> DEP

OTC Symbol: <http://www.otcmarkets.com/stock/dply/quote> DPLY

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Jim Robson
Sent: Monday, October 08, 2012 3:15 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Collins 30J-18 transmitter parts wanted

I have no idea, but I recently sent a radio to this gentleman who seems to have some Collins history: http://www.willcoele.com/radio_repair/ Might be worth an e-mail? Hope this helps. 73/Jim/VE3BHK

On 08/10/12 5:03 PM, David wrote:

Hello All,

I am restoring a Collins 30J-18 250 watt transmitter. I am looking for a few parts and am hoping you can look through your parts to find what I need to complete the restoration.

1. Collins 7000B exciter coils
2. Collins 7000C-5 Exciter Coils
3. 6" ceramic output coils (varios turns required)
4. Crystals for 80, 40, and 20 meters

I have pictures of these items and can send them to anyone that asks. Please let me know if you can help me out here. I will pay whatever is required to acquire these parts.

David Eppert, VE7EPP ve7epp@... <mailto:ve7epp%40rac.ca> 604-781-1773

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.2221 / Virus Database: 2441/5317 - Release Date: 10/08/12

6452. Key identity

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-09 17:21:29 UTC
From: Robert S Jenkins
Topic: 6447 Message: 6452
Attachments: 1 described; binary payloads are missing from this source WARC

Does anyone have any info on this straight key? It was given to me by someone who is now SK.

Thanks,

Robert
KG4KGL

6453. RE: [AWA Group] Key identity

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-09 17:26:32 UTC
From: barry whittemore
Topic: 6447 Message: 6453

That is known as the Navy (US) flameproof key. It has sealed contacts and was used mostly for certain signal lights for ship to ship. some signal lights used a flapper lever but some used a key and that was it. I have one without the marking on the knob and it is a very smooth and quiet key.
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: robert.s.jenkins@...
Date: Tue, 9 Oct 2012 13:21:29 -0400
Subject: [AWA Group] Key identity

Does anyone have any info on this straight key? It was given to me by someone who is now SK.

Thanks,

Robert
KG4KGL

6454. RE: [AWA Group] Key identity

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-09 17:29:09 UTC
From: Mike Feher
Topic: 6447 Message: 6454

It is a common WWII and later Navy key, that came in several configurations. Due to the markings on the skirt below the knob, this one was used for a signal light and the time limit was stamped on there so as not to burn out the bulb. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Robert S Jenkins
Sent: Tuesday, October 09, 2012 1:21 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Key identity

Does anyone have any info on this straight key? It was given to me by someone who is now SK.

Thanks,

Robert
KG4KGL

6455. Re: [AWA Group] Key identity

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-09 17:39:50 UTC
From: Roger Kuchera
Topic: 6447 Message: 6455

Try this site. It may help ID the "Navy Flame-Proof." I haven't used the site in while. I hope it is still active.

http://www.navy-radio.com/xmtr-key.htm
CUL, Roger/K1TG

--- On Tue, 10/9/12, Robert S Jenkins <robert.s.jenkins@...> wrote:

> From: Robert S Jenkins <robert.s.jenkins@...>
> Subject: [AWA Group] Key identity
> To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
> Date: Tuesday, October 9, 2012, 1:21 PM
> Does anyone have any info on this
> straight key? It was given to me by someone who is now SK.
>
> Thanks,
>
> Robert
> KG4KGL
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
> AWAGroup-fullfeatured@yahoogroups.com
>
>
>

6456. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-10 14:13:15 UTC
From: Louis Vermond
Topic: 130 Message: 6456

French Seller ....of course.

http://www.ebay.ca/itm/string-femmes-taille-M-38-40-/200827607156?pt=FR_V%C3%AAtements_pour_femmes&hash=item2ec2421874

http://www.ebay.ca/itm/radio-LL-type-3611-baterie-6-lampes-et-antenne-1928-/200828182895?pt=FR_JG_Collections_Radios&hash=item2ec24ae16f

6457. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-10 20:15:01 UTC
From: Daniel Petersen
Topic: 130 Message: 6457

Not your size, Louis?
8)
Dan - W7OIL

2012/10/10 Louis Vermond <ldvermond@sympatico.ca>

> **
>
>
> **
> French Seller ....of course.
>
>
> http://www.ebay.ca/itm/string-femmes-taille-M-38-40-/200827607156?pt=FR_V%C3%AAtements_pour_femmes&hash=item2ec2421874
>
>
> http://www.ebay.ca/itm/radio-LL-type-3611-baterie-6-lampes-et-antenne-1928-/200828182895?pt=FR_JG_Collections_Radios&hash=item2ec24ae16f
>
>
>

6458. Re: [AWA Group] Collins 30J-18 transmitter parts wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-10 22:49:48 UTC
From: ve7sl@shaw.ca
Topic: 6449 Message: 6458

Hi Dave and welcome to the group. Have you posted your want-list to Electric Radio? That might be your best bet in the long term. It would be swell to hear that nice old Collins when you get it restored.

Steve / VE7SL

6459. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-11 00:03:37 UTC
From: Louis Vermond
Topic: 130 Message: 6459
Attachments: 1 described; binary payloads are missing from this source WARC

Not your size, Louis? 8)
Dan - W7OIL

6460. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-13 11:29:16 UTC
From: Louis Vermond
Topic: 130 Message: 6460

http://www.ebay.com/itm/QST-HAM-RADIO-MAGAZINES-7-used-/330809370277?ssPageName=ADME:B:SS:US:1123

6461. 6.3 volt substitute for a 24A

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-13 19:09:47 UTC
From: Roger Kuchera
Topic: 6461 Message: 6461

Gentlemen,
I am in the process of converting my CW monitor from 2.5 volt tubes to 6.3 volt tubes. The 56 audio is easy, being handily replaced by a 76. However, I am not sure what might be the best replacement for the 24A. The best info I have is to use a type 36. Is there anyone with a better idea for a substitute?

As always, Thank You for your time and effort.

CUL, Roger/K1TG

6462. Re: [AWA Group] 6.3 volt substitute for a 24A

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-14 12:57:29 UTC
From: ne1s@securespeed.us
Topic: 6461 Message: 6462

> Gentlemen,
> I am in the process of converting my CW monitor from 2.5 volt tubes
> to 6.3 volt tubes. The 56 audio is easy, being handily replaced by a 76.
> However, I am not sure what might be the best replacement for the 24A.
> The best info I have is to use a type 36. Is there anyone with a better
> idea for a substitute?
>
> As always, Thank You for your time and effort.
>
> CUL, Roger/K1TG
>

Roger, the 36 should work fine. It's not a critical application at all.
The 24A and 36 both have sharp-cutoff characteristics, but I'm sure a
remote cutoff tube like the 39/44 would work as well.

Out of curiosity, why are you abandoning the 2.5V heater tubes in favor of
the 6.3V ones?

73,
-Larry/NE1S

6463. [Fwd: [AWA] Armstrong Days at InfoAge]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-14 13:02:29 UTC
From: ne1s@securespeed.us
Topic: 6463 Message: 6463
Attachments: 1 described; binary payloads are missing from this source WARC

From the "other" AWA list.

Check out the link at the end; pretty cool.

73,
-Larry/NE1S

---------- Original Message ----------
Subject: [AWA] Armstrong Days at InfoAge
From: "Al" <ygroups@...>
Date: Sat, October 13, 2012 2:28 pm
To: antiquewirelessassociation@yahoogroups.com

Regen Radio Fans,

2012 marks the 100th anniversary of the development of the regenerative radio circuit by Edwin Howard Armstrong an electrical engineering student at Colombia University. This invention not only greatly improved the performance of radio receivers, but would also become the basis for modern radio transmitters, making voice transmission, and radio as we know it, a reality.

The New Jersey Antique Radio Club's Radio Technology Museum will host an observance of the occasion at the InfoAge Science History Learning Center and Museum in Wall Township, NJ on November 10th and 11th from 1 to 5 PM. There will be a display and demonstration of a wide range of vintage regenerative radio receivers with a formal presentation at 2 PM. The other InfoAge museums will be open as well. Admission is free. A five-dollar donation to InfoAge is suggested.

Working receivers on display will include a mock-up of Armstrong's original circuit receiving a simulated spark radio-telegraph transmission, a WWI era naval receiver, early regenerative broadcast receivers, more sophisticated "regens" that dominated amateur radio and the early phases of the short-wave-broadcast craze in the 1920's and 30's, and a naval RAL receiver that served throughout WWII.

Armstrong is arguably the greatest radio inventor since Marconi. His regenerative receiver was followed in 1918 by the superheterodyne, the basis for nearly all modern radio receivers. During the 1930's Armstrong developed high-fidelity FM broadcasting. His FM technologies also found their way into two-way mobile radio, and radar during WWII.

See: http://www.rtm.ar88.net/Armstrong_Days_at_InfoAge.html for pictures and up-to-date information.

Best regards,
Al

6464. AWA Sunday PM AM Net

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-14 21:30:10 UTC
From: Eddy Swynar
Topic: 6464 Message: 6464

Hi Guys,

In case anyone reading this was on the net to-day, you had an SWL monitoring you...

I had my "ears" on in the form of my HB 12 tube receiver---and everyone sounded just great! I could copy all of you just fine.

It was a good opportunity for me to "break in" my newly calibrated dial face plate.

One of these days I'll re-join you guys with that receiver and my Viking II transmitter---as long as the burglar alarm doesn't go off, that is! (QRO 80-meter RF & the intruder alarm here do NOT mix well here together).

~73~ de Eddy VE3CUI - VE3XZ

6465. Vibroplex Champion

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-14 21:35:53 UTC
From: Eddy Swynar
Topic: 6465 Message: 6465

Hi Guys,

I stumbled upon this little gem, in case anyone is interested:

http://ontario.kijiji.ca/c-buy-and-sell-electronics-Morsecode-1977-Vibroplex-Bug-W0QQAdIdZ401321348

As usual, I have no pecuniary interest whatsoever in this transaction, & offer this info only as a service to my fellow CW aficianados!

~73~ de Eddy VE3CUI - VE3XZ

6466. Re: [AWA Group] AWA Sunday PM AM Net

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-15 09:50:07 UTC
From: ne1s@securespeed.us
Topic: 6464 Message: 6466

> Hi Guys,
>
> In case anyone reading this was on the net to-day, you had an SWL
> monitoring you...
>
> I had my "ears" on in the form of my HB 12 tube receiver---and everyone
> sounded just great! I could copy all of you just fine.

i was also monitoring the net and the majority of the stations were solid copy here. I didn't check in because I have a problem with the big rig that needs to be dealt with. Tentatively that will happen this week so that I can check into the net next Sunday.

73,
-Larry/NE1S

6467. HB Tip...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-15 12:22:54 UTC
From: Eddy Swynar
Topic: 6467 Message: 6467

Hi Guys,

Here's a rather neat---and tasty!---tip for all you homebrewing fans out there looking for a replacement clear plastic window for the tuning dials in your creations...

Get a paper cut-out of the exact size of window that you need, then visit the pastry section of your local grocery store. The bakery uses large, clear plastic "clam shell" containers to house their various croissants, donuts, pastries, etc. This plastic is thin enough that it can be trimmed to size with ordinary paper scissors, yet thick enough to be fairly stiff & strong.

I did just that the other day---and enjoyed playing with my HB receiver with its new window, eating a piece of apple struddle that benefited it as I tuned around(!).

~73~ de Eddy VE3CUI - VE3XZ

6468. Re: [AWA Group] HB Tip...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-15 20:00:02 UTC
From: Robert S Jenkins
Topic: 6467 Message: 6468

What, no pictures? Hi

Robert
KG4KGL

Sent from my iPhone

On Oct 15, 2012, at 8:22, Eddy Swynar <deswynar@...> wrote:

>
>
> Hi Guys,
>
> Here's a rather neat---and tasty!---tip for all you homebrewing fans out there looking for a replacement clear plastic window for the tuning dials in your creations...
>
> Get a paper cut-out of the exact size of window that you need, then visit the pastry section of your local grocery store. The bakery uses large, clear plastic "clam shell" containers to house their various croissants, donuts, pastries, etc. This plastic is thin enough that it can be trimmed to size with ordinary paper scissors, yet thick enough to be fairly stiff & strong.
>
> I did just that the other day---and enjoyed playing with my HB receiver with its new window, eating a piece of apple struddle that benefited it as I tuned around(!).
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
>

6469. Re: [AWA Group] HB Tip...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-15 20:15:22 UTC
From: Garey Barrell
Topic: 6467 Message: 6469

Eddy -

Another source that's a little thicker is the plastic used for carded stuff. I use CD labels that
come on 8.5 x 11" sheets, and they come in a quite hard clear plastic clam shell. This is the stuff
that makes it almost impossible to open something! One pack produces a couple of 7 x 9" pieces of
flat, heavy duty plastic that is water clear.

But no, the labels don't taste nearly as good as apple strudel!!

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Eddy Swynar wrote:
>
>
> */Hi Guys,/*
>
> Here's a rather neat---and tasty!---tip for all you homebrewing fans out there looking for a
> replacement clear plastic window for the tuning dials in your creations...
>
> Get a paper cut-out of the exact size of window that you need, then visit the pastry section of
> your local grocery store. The bakery uses large, clear plastic "clam shell" containers to house
> their various croissants, donuts, pastries, etc. This plastic is thin enough that it can be
> trimmed to size with ordinary paper scissors, yet thick enough to be fairly stiff & strong.
>
> I did just that the other day---and enjoyed playing with my HB receiver with its new window,
> eating a piece of apple struddle that benefited it as I tuned around(!).
>
> */~73~ de Eddy VE3CUI - VE3XZ/*

6470. Re: [AWA Group] HB Tip...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-15 20:28:24 UTC
From: Eddy Swynar
Topic: 6467 Message: 6470
Attachments: 3 described; binary payloads are missing from this source WARC

On 2012-10-15, at 4:00 PM, Robert S Jenkins wrote:

>
> What, no pictures? Hi
>

Hi Robert,

Here are a few, for your "...dining & dancing pleasure", Hi Hi.

~73~ de Eddy VE3CUI - VE3XZ

6471. Re: [AWA Group] HB Tip...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-15 20:30:39 UTC
From: Eddy Swynar
Topic: 6467 Message: 6471

On 2012-10-15, at 4:15 PM, Garey Barrell wrote:

> Eddy -
>
> Another source that's a little thicker is the plastic used for carded stuff. I use CD labels that
> come on 8.5 x 11" sheets, and they come in a quite hard clear plastic clam shell. This is the stuff
> that makes it almost impossible to open something! One pack produces a couple of 7 x 9" pieces of
> flat, heavy duty plastic that is water clear.
>
> But no, the labels don't taste nearly as good as apple strudel!!
>

Hi Garey,

And guess what...? Between my son & I, the strudel is all gone! (oink-oink)... : >)

~73~ de Eddy VE3CUI - VE3XZ

6472. Re: [AWA Group] HB Tip...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-15 21:46:13 UTC
From: Robert S Jenkins
Topic: 6467 Message: 6472

Nice job!

Robert
KG4KGL

On Oct 15, 2012, at 16:28, Eddy Swynar <deswynar@...> wrote:

>
> On 2012-10-15, at 4:00 PM, Robert S Jenkins wrote:
>
>>
>> What, no pictures? Hi
>
> Hi Robert,
>
> Here are a few, for your "...dining & dancing pleasure", Hi Hi.
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
>
> <DSC09485.JPG>
>
>
>
> <DSC09484.JPG>
>
>
>
> <DSC09483.JPG>
>

6473. More HB stuff

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-16 14:52:30 UTC
From: Roger Kuchera
Topic: 6473 Message: 6473

Gentlemen,
Great to see the dial cover stuff. I might add here that I have used clear plastic report covers to renew the graph covers on HRO coil boxes.

I have had some success with printing new face plates in the following fashion:

1. If the face plate is at all recoverable, scan it into a JPEG file.
2. You can use a Photo Editor (Adobe Photo Elements) to fix minor smudges, etc.
3. Print it onto Manila folder paper. Make sure your printer can handle the thicker paper. The yellowish tint is just the ticket for vintage face plates. Dial lights will show through nicely.
4. Check that the print is the correct size. With Adobe, you can vary the percentage of the scanned article.
5. Let it sit for a day or so.
6. Starting on the rear of the paper, lightly coat it with clear spray paint. Do this 2 or 3 times. Let dry thoroughly.
7. Do the front of the print, very lightly at first. Repeat 2 or 3 times.

I have used this with good success on face plates for: FBXA, RME DB-20 and others.

CUL, Roger/K1TG

6474. Battery set for sale.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-16 15:30:30 UTC
From: CEMILTON@aol.com
Topic: 6474 Message: 6474

Gentlemen and ladies,

My collecting and restoration days are over. The shop is closed. And I'm beginning to clean out some antique radios that I no longer wish to keep.

I have a RADAK R-4 (receiver) and A-4 (matching amp) that I will not get around to restoring, thus they are up for sale. These are described in Douglas Vol. 1, page 106 and are c.1923.

Both are in remarkably good shape and easily capable of being restored.

The amplifier (A-4) is a straightforward restoration project. The receiver (R-4) will require the talents of someone who can reproduce a couple of major parts. Someone (years back I'm sure) removed the mounting bracket and bakelite platform that was the "chassis" for the tube. Obviously, the tube socket went as well. There are pictures of the interior available and thus someone with a nice shop and the tools could put it all back together.

If one only wanted a pair of "shelf queens", then these are ready to be polished and put on the shelf. The cabinets are in excellent condition and the original knobs are present. Each cabinet has a pair of holes that were obviously drilled to allow use of external batteries. The "paper" and the unique metal tag are both included.

These are rare battery sets and I'd like to see them go to a good home. Please contact me off-list and we can discuss pricing and answer other questions. I will send pictures to seriously interested parties.

Thanks for the bandwidth.

73
Chuck
W4MIL

Remember, the government cannot give anything to anyone that they have not first taken away from someone else.

チャーリー ミルトン

6475. Re: [AWA Group] More HB stuff

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-16 17:59:27 UTC
From: Eddy Swynar
Topic: 6473 Message: 6475

Hi Roger,

Nice tip...!

I wish I was a LOT warmer to computers than what I am, however. I can well imagine just how "fine" Photo Editor & I would get along (not too well, most likely!).

~73~ de Eddy VE3CUI - VE3XZ

On 2012-10-16, at 10:52 AM, Roger Kuchera wrote:

> Gentlemen,
> Great to see the dial cover stuff. I might add here that I have used
> clear plastic report covers to renew the graph covers on HRO coil boxes.
>
> I have had some success with printing new face plates in the
> following fashion:
>
> 1. If the face plate is at all recoverable, scan it into a JPEG file.
> 2. You can use a Photo Editor (Adobe Photo Elements) to fix minor
> smudges, etc.
> 3. Print it onto Manila folder paper. Make sure your printer can
> handle the thicker paper. The yellowish tint is just the ticket
> for vintage face plates. Dial lights will show through nicely.
> 4. Check that the print is the correct size. With Adobe, you can
> vary the percentage of the scanned article.
> 5. Let it sit for a day or so.
> 6. Starting on the rear of the paper, lightly coat it with clear
> spray paint. Do this 2 or 3 times. Let dry thoroughly.
> 7. Do the front of the print, very lightly at first. Repeat 2 or
> 3 times.
>
> I have used this with good success on face plates for: FBXA, RME
> DB-20 and others.
>
> CUL, Roger/K1TG
>

6476. This Guy Is An "ARTISTE"!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-16 18:48:20 UTC
From: Eddy Swynar
Topic: 6476 Message: 6476

Hi Guys,

Check out this guy's HB tube-type AM BC set:

http://www.oldradiobuilder.com/super8.html

Is that thing a work of art, or what...?! I especially like the neat HB dial assembly he incorporated in it...SWEET!

~73~ de Eddy VE3CUI - VE3XZ

6477. Re: [AWA Group] This Guy Is An "ARTISTE"!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-17 11:34:39 UTC
From: ne1s@securespeed.us
Topic: 6476 Message: 6477

> Hi Guys,
>
> Check out this guy's HB tube-type AM BC set:
>
> http://www.oldradiobuilder.com/super8.html
>
> Is that thing a work of art, or what...?! I especially like the neat HB
> dial assembly he incorporated in it...SWEET!
>
> ~73~ de Eddy VE3CUI - VE3XZ

Nice work, indeed. But as he said, that set has got way more gain than anyone would ever need for the AMBC band, which comes with associated stability issues. Also, did you catch that he referred to cathode bias resistors as "emitter resistors?" Forsooth!

73,
-Larry/NE1S

6478. Re: [AWA Group] This Guy Is An "ARTISTE"!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-17 11:58:51 UTC
From: Eddy Swynar
Topic: 6476 Message: 6478

On 2012-10-17, at 7:34 AM, ne1s@... wrote:

>
> Nice work, indeed. But as he said, that set has got way more gain than
> anyone would ever need for the AMBC band, which comes with associated
> stability issues. Also, did you catch that he referred to cathode bias
> resistors as "emitter resistors?" Forsooth!
>
>

Hi Larry et al,

I especially LOVE that dial assembly that he's used...!

Larry, d'you think it's homebrew, or some sorta commercial outfit...? A friend of mine thinks it's store-bought, but I think he crafted it himself.

Anyway, it's WAY too cool & practical, and---hopefully---CHEAP!

~73~ de Eddy VE3CUI - VE3XZ

6479. Re: [AWA Group] This Guy Is An "ARTISTE"!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-17 13:59:14 UTC
From: Roger Kuchera
Topic: 6476 Message: 6479

What is an emitter? :) :)

Roger.

--- On Wed, 10/17/12, ne1s@securespeed.us <ne1s@...> wrote:

From: ne1s@... <ne1s@securespeed.us>
Subject: Re: [AWA Group] This Guy Is An "ARTISTE"!
To: AWAGroup@yahoogroups.com
Date: Wednesday, October 17, 2012, 7:34 AM

> Hi Guys,
>
> Check out this guy's HB tube-type AM BC set:
>
> http://www.oldradiobuilder.com/super8.html
>
> Is that thing a work of art, or what...?! I especially like the neat HB
> dial assembly he incorporated in it...SWEET!
>
> ~73~ de Eddy VE3CUI - VE3XZ

Nice work, indeed. But as he said, that set has got way more gain than anyone would ever need for the AMBC band, which comes with associated stability issues. Also, did you catch that he referred to cathode bias resistors as "emitter resistors?" Forsooth!

73,
-Larry/NE1S

Yahoo! Groups Links

6480. Re: [AWA Group] This Guy Is An "ARTISTE"!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-17 14:05:43 UTC
From: Eddy Swynar
Topic: 6476 Message: 6480

On 2012-10-17, at 9:59 AM, Roger Kuchera wrote:

> What is an emitter? :) :)
>
>

Hi Roger,

An "emitter" is that scruffy-looking Ham whom you invariably end-up being tightly crammed next to in the aisle on the occasion of your local Hamfest---you know, the guy who has entered the 'Fest after consuming copious quantities of spiced chile tacos at the two-for-one sale held up the street in the "Mexican-Food-Is-Us" emporium just an hour, or so, beforehand...

~73~ de Eddy VE3CUI - VE3XZ

6481. Re: [AWA Group] This Guy Is An "ARTISTE"!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-17 14:15:14 UTC
From: Roger Kuchera
Topic: 6476 Message: 6481

Hi Ed,
     Thanks for setting me straight on that. Here all these years I thought it was my antenna that was the emitter.

Roger.

--- On Wed, 10/17/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@...>
Subject: Re: [AWA Group] This Guy Is An "ARTISTE"!
To: AWAGroup@yahoogroups.com
Date: Wednesday, October 17, 2012, 10:05 AM

On 2012-10-17, at 9:59 AM, Roger Kuchera wrote:

What is an emitter? :) :)

Hi Roger,

An "emitter" is that scruffy-looking Ham whom you invariably end-up being tightly crammed next to in the aisle on the occasion of your local Hamfest---you know, the guy who has entered the 'Fest after consuming copious quantities of spiced chile tacos at the two-for-one sale held up the street in the "Mexican-Food-Is-Us" emporium just an hour, or so, beforehand...

~73~ de Eddy VE3CUI - VE3XZ

6482. Military Version of AR-88 Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-17 19:14:26 UTC
From: Eddy Swynar
Topic: 6482 Message: 6482

Hi Guys,

In case anyone has been longing for an RCA AR-88 and / or a military version thereof, go to this site:

http://ontario.kijiji.ca/c-buy-and-sell-electronics-RCA-CR91A-SW-Receiver-and-Hammarlund-HQ-129-X-W0QQAdIdZ407487203

It helps---a LOT!---if you live near the Ottawa area...

Again, I have absolutely ZERO pecuniary interest in this sale...

~73~ de Eddy VE3CUI - VE3XZ

6483. Radak R-4 and A-4 for sale.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-20 16:02:06 UTC
From: CEMILTON@aol.com
Topic: 6483 Message: 6483

Would the gentleman who responded to me about these please send me your name/email address. I mistakenly erased a file with that info.

73
Chuck
W4MIL

Remember, the government cannot give anything to anyone that they have not first taken away from someone else.

チャーリー ミルトン

6484. Loose tube(s) remedy, ad nauseum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-21 18:58:25 UTC
From: Roger Kuchera
Topic: 6484 Message: 6484

Gentlemen,
In a conversation with a local tube collector, I enguired as to how he deals with tubes that are loose in their sockets. I realize that I have asked the group about this before but I thought I would pass these along, for possible comments.

1. Crazy Glue in Gel form. Apparently the Gel form gives you a few seconds to move the tube and socket around for better bonding. I get a white deposit at the contact with the Phenolic. Possibly, a chemical reaction between the glue and socket material

2. A 50/50 mix of Elmer's Glue and water. This method gives a considerably longer time to work the mixture down between the bulb and socket. I question this one as it may not take into account the heat involved.

I should add here that I have yet to try idea #2.

CUL, Roger/K1TG

6485. Re: [AWA Group] Loose tube(s) remedy, ad nauseum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-21 19:10:52 UTC
From: Leonard Meek
Topic: 6484 Message: 6485

Has anyone tried Devcon Hi Temp cement? It works on engine blocks. Maybe it'll work on tube bases. I don't have enough loose tubes right now to try it myself, but I was considering it for repairing a couple of WD-11's that I have. I think I tried it years ago to cement an 864 into an WD-11 base but I haven't seen it for some time so I don't know how it worked out.

Leonard

----- Original Message -----
From: "Roger Kuchera" <rwkuchera@...>
To: <AWAgroup@yahoogroups.com>
Sent: Sunday, October 21, 2012 8:58 AM
Subject: [AWA Group] Loose tube(s) remedy, ad nauseum

> Gentlemen,
> In a conversation with a local tube collector, I enguired as to how
> he deals with tubes that are loose in their sockets. I realize that I
> have asked the group about this before but I thought I would pass these
> along, for possible comments.
>
> 1. Crazy Glue in Gel form. Apparently the Gel form gives you a few
> seconds to move the tube and socket around for better bonding.
> I get a white deposit at the contact with the Phenolic. Possibly,
> a chemical reaction between the glue and socket material
>
> 2. A 50/50 mix of Elmer's Glue and water. This method gives a
> considerably longer time to work the mixture down between the
> bulb and socket. I question this one as it may not take into
> account the heat involved.
>
> I should add here that I have yet to try idea #2.
>
> CUL, Roger/K1TG
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

6486. Re: [AWA Group] Loose tube(s) remedy, ad nauseum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-21 21:00:32 UTC
From: Louis Vermond
Topic: 6484 Message: 6486

Locktite 480

Holds, but stays flexible. No clouding. Clear.

6487. RE: [AWA Group] Loose tube(s) remedy, ad nauseum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-21 23:14:32 UTC
From: Gary H. Harmon, Jr.
Topic: 6484 Message: 6487

I have used the black J-B Weld both on socket edge but especially on tube caps. Success has been perfect.

Vr,

Gary H. Harmon, Jr. - K5JWK

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c

"Retirement means every day is a Saturday except Sunday".

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Sunday, October 21, 2012 2:11 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Loose tube(s) remedy, ad nauseum

Has anyone tried Devcon Hi Temp cement? It works on engine blocks. Maybe it'll work on tube bases. I don't have enough loose tubes right now to try it myself, but I was considering it for repairing a couple of WD-11's that I

have. I think I tried it years ago to cement an 864 into an WD-11 base but I

haven't seen it for some time so I don't know how it worked out.

Leonard

----- Original Message -----
From: "Roger Kuchera" <rwkuchera@... <mailto:rwkuchera%40snet.net> >
To: <AWAgroup@yahoogroups.com <mailto:AWAgroup%40yahoogroups.com> >
Sent: Sunday, October 21, 2012 8:58 AM
Subject: [AWA Group] Loose tube(s) remedy, ad nauseum

> Gentlemen,
> In a conversation with a local tube collector, I enguired as to how
> he deals with tubes that are loose in their sockets. I realize that I
> have asked the group about this before but I thought I would pass these
> along, for possible comments.
>
> 1. Crazy Glue in Gel form. Apparently the Gel form gives you a few
> seconds to move the tube and socket around for better bonding.
> I get a white deposit at the contact with the Phenolic. Possibly,
> a chemical reaction between the glue and socket material
>

> 2. A 50/50 mix of Elmer's Glue and water. This method gives a
> considerably longer time to work the mixture down between the
> bulb and socket. I question this one as it may not take into
> account the heat involved.
>
> I should add here that I have yet to try idea #2.
>
> CUL, Roger/K1TG
>
>
> ---
>
> Yahoo! Groups Links
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6488. Re: [AWA Group] Loose tube(s) remedy, ad nauseum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-21 23:35:41 UTC
From: Leonard Meek
Topic: 6484 Message: 6488

How is it on power tubes? Is it heat resistant?

Leonard

----- Original Message -----
From: Gary H. Harmon, Jr.
To: AWAGroup@yahoogroups.com
Sent: Sunday, October 21, 2012 1:14 PM
Subject: RE: [AWA Group] Loose tube(s) remedy, ad nauseum

I have used the black J-B Weld both on socket edge but especially on tube caps. Success has been perfect.

Vr,

Gary H. Harmon, Jr. - K5JWK

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c

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To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Loose tube(s) remedy, ad nauseum

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have. I think I tried it years ago to cement an 864 into an WD-11 base but I
haven't seen it for some time so I don't know how it worked out.

Leonard

----- Original Message -----
From: "Roger Kuchera" <rwkuchera@snet.net>
To: <AWAgroup@yahoogroups.com>
Sent: Sunday, October 21, 2012 8:58 AM
Subject: [AWA Group] Loose tube(s) remedy, ad nauseum

> Gentlemen,
> In a conversation with a local tube collector, I enguired as to how
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>
> CUL, Roger/K1TG
>
>
> ---
>
> Yahoo! Groups Links
>
>
>
>

6489. RE: [AWA Group] Loose tube(s) remedy, ad nauseum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-21 23:43:47 UTC
From: Gary H. Harmon, Jr.
Topic: 6484 Message: 6489

I have used it on 6146, 807 and 1625 tubes with no issues. You can use it to repair automotive blocks so it must be pretty heat tolerant. Others may have more knowledge than I.

Vr,

Gary H. Harmon, Jr. - K5JWK

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c

"Retirement means every day is a Saturday except Sunday".

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Sunday, October 21, 2012 6:36 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Loose tube(s) remedy, ad nauseum

How is it on power tubes? Is it heat resistant?

Leonard

----- Original Message -----

From: Gary H. Harmon, Jr. <mailto:gharmon@...>

To: AWAGroup@yahoogroups.com

Sent: Sunday, October 21, 2012 1:14 PM

Subject: RE: [AWA Group] Loose tube(s) remedy, ad nauseum

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210.657.1549h / 210.884.6926c

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To: AWAGroup@yahoogroups.com
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have. I think I tried it years ago to cement an 864 into an WD-11 base but I

haven't seen it for some time so I don't know how it worked out.

Leonard

----- Original Message -----
From: "Roger Kuchera" <rwkuchera@... <mailto:rwkuchera%40snet.net> >
To: <AWAgroup@yahoogroups.com <mailto:AWAgroup%40yahoogroups.com> >
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> 2. A 50/50 mix of Elmer's Glue and water. This method gives a
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> account the heat involved.
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> I should add here that I have yet to try idea #2.
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> CUL, Roger/K1TG
>
>
> ----------
>
> Yahoo! Groups Links
>
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>

6490. Re: [AWA Group] Loose tube(s) remedy, ad nauseum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 10:17:42 UTC
From: ne1s@securespeed.us
Topic: 6484 Message: 6490

> Has anyone tried Devcon Hi Temp cement? It works on engine blocks. Maybe
> it'll work on tube bases. I don't have enough loose tubes right now to try
> it myself, but I was considering it for repairing a couple of WD-11's that
> I
> have. I think I tried it years ago to cement an 864 into an WD-11 base but
> I
> haven't seen it for some time so I don't know how it worked out.
>
> Leonard
>

I assume we are talking about loose bases, not loose tubes in sockets.
(I've never had a problem with tubes falling out of their sockets.)

I've used the black silicone RTV (available at automotive stores)
successfully both to re-cement tubes to their bases, as well as for grid
and plate caps. THe bond is firm but remains slightly pliable, so you
don't have to worry about thermal expansion coefficient mismatch cracking
the glass and letting the vacuum out.

Now for another question: Any ideas for safely removing a a tube base,
with the original bond intact, from a tube so that the wires to the pins
can be cleaned up and re-soldered? I've got a few oldies (UX-201A,
UX-171A) that show no filament continuity but the filaments appear fine
visually. I've tried re-soldering the pins from the end, to no avail. I
had another UX-201A tube with similar symptoms on which the base was
loose, so I took it off and the wires were corroded to the point where
they needed to be cleaned up with emory cloth before they would take
solder. Once I did this, I had a good tube. I suspect if I can get the
bases off these others and give them the same treatment, I might have a
few more good tubes.

73,
-Larry/NE1S

6491. kenwood ts-830s output

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 17:04:35 UTC
From: Jim Robson
Topic: 6484 Message: 6491

Greetings--would a member have a moment for a question relating to the Kenwood hybrids? I have just purchased a Kenwood ts-830s. The matching tuner/power meter shows 75W out on CW on 80m and 40m but nearly zero on the higher bands. Tuning up is normal with about 800v on the plate. Output tubes? 73, Jim/VE3BHK

6492. kenwood ts-830

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 17:08:10 UTC
From: Jim Robson
Topic: 6492 Message: 6492

Greetings--would a member have a moment for a question relating to the Kenwood hybrids? I have just purchased a Kenwood ts-830s. The matching tuner/power meter shows 75W out on CW on 80m and 40m but nearly zero on the higher bands. Tuning up is normal with about 800v on the plate. Output tubes? 73, Jim/VE3BHK

6493. Re: [AWA Group] kenwood ts-830

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 16:13:14 UTC
From: Louis Vermond
Topic: 6492 Message: 6493

Jim,

Did you try loading the rig directly (no tuner) into the dummy load?

----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: 2012-10-22 1:08 PM
Subject: [AWA Group] kenwood ts-830

Greetings--would a member have a moment for a question relating to the Kenwood hybrids? I have just purchased a Kenwood ts-830s. The matching tuner/power meter shows 75W out on CW on 80m and 40m but nearly zero on the higher bands. Tuning up is normal with about 800v on the plate. Output tubes? 73, Jim/VE3BHK

6494. Re: [AWA Group] kenwood ts-830

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 17:20:09 UTC
From: Jim Robson
Topic: 6492 Message: 6494

Thanks, Lou, much appreciated. The power meter is built into the
tuner. What would I look for? 73/ Jim.

On 22/10/12 12:13 PM, Louis Vermond wrote:
>
> Jim,
> Did you try loading the rig directly (no tuner) into the dummy load?
>
> ----- Original Message -----
> *From:* Jim Robson <mailto:nc101x@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2012-10-22 1:08 PM
> *Subject:* [AWA Group] kenwood ts-830
>
> Greetings--would a member have a moment for a question relating to
> the
> Kenwood hybrids? I have just purchased a Kenwood ts-830s. The
> matching
> tuner/power meter shows 75W out on CW on 80m and 40m but nearly
> zero on
> the higher bands. Tuning up is normal with about 800v on the plate.
> Output tubes? 73, Jim/VE3BHK
>
>

6495. Re: [AWA Group] kenwood ts-830

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 16:21:37 UTC
From: ne1s@securespeed.us
Topic: 6492 Message: 6495

> Greetings--would a member have a moment for a question relating to the
> Kenwood hybrids? I have just purchased a Kenwood ts-830s. The matching
> tuner/power meter shows 75W out on CW on 80m and 40m but nearly zero on
> the higher bands. Tuning up is normal with about 800v on the plate.
> Output tubes? 73, Jim/VE3BHK
>

If "tuning up is normal" on the higher bands, i.e., if it can be dipped and loaded to normal plate current, it perplexes me that you wouldn't have appreciable output on those bands - the power has to be going somewhere. Are the plates of the output tubes showing color? Have you tried a different power meter? Maybe try loading into a 100W light bulb, and compare the brightness on the lower bands vs. the higher ones?

Just some ideas.

73,
-Larry/NE1S

6496. Re: [AWA Group] kenwood ts-830

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 16:21:43 UTC
From: Louis Vermond
Topic: 6492 Message: 6496

Output on the higher bands.

The DL's return loss will be low so that's not an issue. Switch the rig's mtr setting to "RF". If the rig is working above 40, there should be a mtr reading in that position.

9:30

----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: 2012-10-22 1:20 PM
Subject: Re: [AWA Group] kenwood ts-830

Thanks, Lou, much appreciated. The power meter is built into the tuner. What would I look for? 73/ Jim.

On 22/10/12 12:13 PM, Louis Vermond wrote:

Jim,

Did you try loading the rig directly (no tuner) into the dummy load?

----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: 2012-10-22 1:08 PM
Subject: [AWA Group] kenwood ts-830

Greetings--would a member have a moment for a question relating to the Kenwood hybrids? I have just purchased a Kenwood ts-830s. The matching tuner/power meter shows 75W out on CW on 80m and 40m but nearly zero on the higher bands. Tuning up is normal with about 800v on the plate. Output tubes? 73, Jim/VE3BHK

6497. Re: [AWA Group] kenwood ts-830

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 18:02:42 UTC
From: Jim Robson
Topic: 6492 Message: 6497

Well, 40 lashes with a wet noodle for this '/lid/'. A small item called adjustment of the carrier control.... Maybe if I learned to read when I was in university! Now she is 100W out on all bands. I will try very hard to come up with intelligent questions for the group next time around. 73, Jim/VE3BHK

On 22/10/12 12:21 PM, ne1s@... wrote:
>
> > Greetings--would a member have a moment for a question relating to the
> > Kenwood hybrids? I have just purchased a Kenwood ts-830s. The matching
> > tuner/power meter shows 75W out on CW on 80m and 40m but nearly zero on
> > the higher bands. Tuning up is normal with about 800v on the plate.
> > Output tubes? 73, Jim/VE3BHK
> >
>
> If "tuning up is normal" on the higher bands, i.e., if it can be dipped
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> appreciable output on those bands - the power has to be going somewhere.
> Are the plates of the output tubes showing color? Have you tried a
> different power meter? Maybe try loading into a 100W light bulb, and
> compare the brightness on the lower bands vs. the higher ones?
>
> Just some ideas.
>
> 73,
> -Larry/NE1S
>
>

6498. kenwood ts-830

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 17:07:15 UTC
From: Louis Vermond
Topic: 6492 Message: 6498
Attachments: 1 described; binary payloads are missing from this source WARC

Well, 40 lashes ...

6499. Re: [AWA Group] kenwood ts-830

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 18:25:38 UTC
From: Jim Robson
Topic: 6492 Message: 6499
Attachments: 1 described; binary payloads are missing from this source WARC

> 9:30
Lou, yup, confirmed. MapQuest says 2:09 hrs from Stratford to Maple
Leaf Communications. I think we can shave a minute or two off that...
Jim/VE3BHK
cars fire add 500 19 Its Monday...and thats why Im happy to see cars on
fire (45 Photos)

6500. Re: [AWA Group] kenwood ts-830

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 17:30:12 UTC
From: Louis Vermond
Topic: 6492 Message: 6500
Attachments: 1 described; binary payloads are missing from this source WARC

Gulp...

9:30
Lou, yup, confirmed. MapQuest says 2:09 hrs from Stratford to Maple Leaf Communications. I think we can shave a minute or two off that... Jim/VE3BHK

6501. Re: [AWA Group] Loose tube(s) remedy, ad nauseum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-22 17:32:30 UTC
From: Leonard Meek
Topic: 6484 Message: 6501

I've had several occassions to tighten up tube sockets. I use a dremmel tool with a pin size bit to burnish the pin socket. Then, using a large needle, push the point down around the the contact between the metal and insulation to crimp the socket contact slightly. It doesn't hurt to burnish the pins on the tube as well. For this I drill a hole in a peice of drill rod the size of the pin plus about 0.001". With a fine blade hack saw, cut an "X" in the end of the rod through the hole. This comes in handy for dressing the pins after resoldering too.

As for removing a tube base, the only way I've heard of was boiling the tube in water until the cement loosens. I've tried it, with mixed results.

Does anyone have a good method of restoring the tube number on the glass of the tube?

Leonard
----- Original Message -----
From: <ne1s@...>
To: <AWAGroup@yahoogroups.com>
Sent: Monday, October 22, 2012 12:17 AM
Subject: Re: [AWA Group] Loose tube(s) remedy, ad nauseum

>
> I assume we are talking about loose bases, not loose tubes in sockets.
> (I've never had a problem with tubes falling out of their sockets.)
>
> I've used the black silicone RTV (available at automotive stores)
> successfully both to re-cement tubes to their bases, as well as for grid
> and plate caps. THe bond is firm but remains slightly pliable, so you
> don't have to worry about thermal expansion coefficient mismatch cracking
> the glass and letting the vacuum out.
>
> Now for another question: Any ideas for safely removing a a tube base,
> with the original bond intact, from a tube so that the wires to the pins
> can be cleaned up and re-soldered? I've got a few oldies (UX-201A,
> UX-171A) that show no filament continuity but the filaments appear fine
> visually. I've tried re-soldering the pins from the end, to no avail. I
> had another UX-201A tube with similar symptoms on which the base was
> loose, so I took it off and the wires were corroded to the point where
> they needed to be cleaned up with emory cloth before they would take
> solder. Once I did this, I had a good tube. I suspect if I can get the
> bases off these others and give them the same treatment, I might have a
> few more good tubes.
>
> 73,
> -Larry/NE1S

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> ---
>
> Yahoo! Groups Links
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6502. Business

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-23 00:51:14 UTC
From: Louis Vermond
Topic: 6502 Message: 6502
Attachments: 4 described; binary payloads are missing from this source WARC

Hello,

I am gathering parts for eBay selling. Need info and a replacement part. Please see below...

Anyone have an extra nut as shown?

Was this manufactured by National Radio or...?
See painting Dutch boy logo below.

Below... Manufacturer?
Diamond shaped logo lower right corner has "RRP" in its centre.
Porcelain base...

6503. Re: [AWA Group] Business

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-23 10:19:58 UTC
From: Robert S Jenkins
Topic: 6502 Message: 6503

Hello Louis,

I would like to buy the socket with the missing nut for my 1929 build. Would you consider foregoing ebay and selling direct?

Thank you

Robert
KG4KGL

On Oct 22, 2012, at 20:51, Louis Vermond <ldvermond@sympatico.ca> wrote:

>
>
> Hello,
>
> I am gathering parts for eBay selling. Need info and a replacement part. Please see below...
>
> Anyone have an extra nut as shown?
> <geo's Wedding 008.jpg>
>
> Was this manufactured by National Radio or...?
> See painting Dutch boy logo below.
> <geo's Wedding 011.jpg>
>
> <geo's Wedding 012.jpg>
>
> Below... Manufacturer?
> Diamond shaped logo lower right corner has "RRP" in its centre.
> Porcelain base...
> <geo's Wedding 009.jpg>
>
>
>
>

6504. Short Wave Coil Book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-23 15:44:34 UTC
From: Roger Kuchera
Topic: 6504 Message: 6504

Gentlemen,
I recently received a rather dog-eared copy of the original Radio Publications booklet "Short Wave Coil Book." However, I only got up to page 16. I have no idea how many pages were in the original. At any rate, Is there anyone who has either an original or reprint that might be able to scan in missing pages and email them to me? I don't know how tall an order that is. This version of the booklet only has receive coils in it. I see there is another with RX and TX coils.

As always, Thank you for your time and patience.

CUL, Roger/K1TG

6505. Re: Loose tube(s) remedy, ad nauseum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-23 17:12:52 UTC
From: JAMES HANLON
Topic: 6484 Message: 6505

Larry,

I've never done this myself, but if I wanted to clean a tube's leads and then resolder them and I had to get the base off to do that, I would consider cutting the base, either on the side or at the bottom, so that it could be removed. After cleaning and resoldering the leads, I would then glue the base back together at the cut line.

Jim, W8KGI

6506. Re: [AWA Group] Business

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-23 19:05:10 UTC
From: Roger Kuchera
Topic: 6502 Message: 6506
Attachments: 4 described; binary payloads are missing from this source WARC

Hi again Lou,
    I have 2 of these but without the screwdriver slot. They appear to threaded for #6-32.

R.

--- On Mon, 10/22/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@sympatico.ca>
Subject: [AWA Group] Business
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Monday, October 22, 2012, 8:51 PM

Hello,

I am gathering parts for eBay selling. Need info and a replacement part. Please see below...

Anyone have an extra nut as shown?

Was this manufactured by National Radio or...?
See painting Dutch boy logo below.

Below... Manufacturer?
Diamond shaped logo lower right corner has "RRP" in its centre.
Porcelain base...

6507. Re: [AWA Group] Business

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-23 22:09:30 UTC
From: Louis Vermond
Topic: 6502 Message: 6507

You can have it for postage which is...hold on to ur hat...abt 10 bucks. QSL?

----- Original Message -----
From: Robert S Jenkins
To: AWAGroup@yahoogroups.com
Sent: 2012-10-23 6:19 AM
Subject: Re: [AWA Group] Business

Hello Louis,

I would like to buy the socket with the missing nut for my 1929 build. Would you consider foregoing ebay and selling direct?

Thank you

Robert
KG4KGL

On Oct 22, 2012, at 20:51, Louis Vermond <ldvermond@...> wrote:

Hello,

I am gathering parts for eBay selling. Need info and a replacement part. Please see below...

Anyone have an extra nut as shown?
<geo's Wedding 008.jpg>

Was this manufactured by National Radio or...?
See painting Dutch boy logo below.
<geo's Wedding 011.jpg>

<geo's Wedding 012.jpg>

Below... Manufacturer?
Diamond shaped logo lower right corner has "RRP" in its centre.
Porcelain base...
<geo's Wedding 009.jpg>

6508. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-23 23:48:23 UTC
From: Louis Vermond
Topic: 130 Message: 6508
Attachments: 1 described; binary payloads are missing from this source WARC

7 Vintage Premier Radio Coils
http://www.ebay.co.uk/itm/7-Vintage-Premier-Radio-Coils-Eddystone-/221139865518?pt=UK_Collectables_RadioTelevision_Telephony_SM&hash=item337cf68fae

6509. Re: [AWA Group] Business

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-24 10:20:32 UTC
From: Robert S Jenkins
Topic: 6502 Message: 6509

Sigh…

I will pass since I have to place an order with play things of the past. They require a $20 minimum order.

Thank you

Robert
KG4KGL

See you tonite on 80m

On Oct 23, 2012, at 18:09, Louis Vermond <ldvermond@sympatico.ca> wrote:

>
>
> You can have it for postage which is...hold on to ur hat...abt 10 bucks. QSL?
>
>
> ----- Original Message -----
> From: Robert S Jenkins
> To: AWAGroup@yahoogroups.com
> Sent: 2012-10-23 6:19 AM
> Subject: Re: [AWA Group] Business
>
> Hello Louis,
>
> I would like to buy the socket with the missing nut for my 1929 build. Would you consider foregoing ebay and selling direct?
>
> Thank you
>
> Robert
> KG4KGL
>
>
>
> On Oct 22, 2012, at 20:51, Louis Vermond <ldvermond@...> wrote:
>
>> Hello,
>>
>> I am gathering parts for eBay selling. Need info and a replacement part. Please see below...
>>
>> Anyone have an extra nut as shown?
>> <geo's Wedding 008.jpg>

>>
>> Was this manufactured by National Radio or...?
>> See painting Dutch boy logo below.
>> <geo's Wedding 011.jpg>
>>
>> <geo's Wedding 012.jpg>
>>
>> Below... Manufacturer?
>> Diamond shaped logo lower right corner has "RRP" in its centre.
>> Porcelain base...
>> <geo's Wedding 009.jpg>
>
>
>

6510. Re: [AWA Group] Business

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-24 12:43:35 UTC
From: Louis Vermond
Topic: 6502 Message: 6510

KG4KGL See you tonite on 80m.. QSL. 9PM 3640-50 You call me. CUL, Lou

6511. Re: [AWA Group] Business

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-24 14:47:56 UTC
From: Roger Kuchera
Topic: 6502 Message: 6511

Hi Lou and Bob,
I am confused. Which one of you is looking for what? A socket? Hardware?

CUL, Roger/K1TG

--- On Wed, 10/24/12, Robert S Jenkins <robert.s.jenkins@...> wrote:

From: Robert S Jenkins <robert.s.jenkins@...>
Subject: Re: [AWA Group] Business
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Wednesday, October 24, 2012, 6:20 AM

Sigh…

I will pass since I have to place an order with play things of the past. They require a $20 minimum order.

Thank you

Robert
KG4KGL

See you tonite on 80m

On Oct 23, 2012, at 18:09, Louis Vermond <ldvermond@...> wrote:

You can have it for postage which is...hold on to ur hat...abt 10 bucks. QSL?

----- Original Message -----
From: Robert S Jenkins
To: AWAGroup@yahoogroups.com
Sent: 2012-10-23 6:19 AM
Subject: Re: [AWA Group] Business

Hello Louis,

I would like to buy the socket with the missing nut for my 1929 build. Would you consider foregoing ebay and selling direct?

Thank you

Robert
KG4KGL

On Oct 22, 2012, at 20:51, Louis Vermond <ldvermond@...> wrote:

Hello,

I am gathering parts for eBay selling. Need info and a replacement part. Please see below...

Anyone have an extra nut as shown?
 <geo's Wedding 008.jpg>

Was this manufactured by National Radio or...?
See painting Dutch boy logo below.
<geo's Wedding 011.jpg>

<geo's Wedding 012.jpg>

Below... Manufacturer?
Diamond shaped logo lower right corner has "RRP" in its centre.
Porcelain base...
<geo's Wedding 009.jpg>

6512. Re: [AWA Group] Business

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-24 14:52:05 UTC
From: Robert S Jenkins
Topic: 6502 Message: 6512

It is I who is looking for parts for a 1929 Hartley build.

In other news, I just ordered an Elecraft K1 kit. That should keep me busy.

73

Robert
KG4KGL

On Oct 24, 2012, at 10:47, Roger Kuchera <rwkuchera@...> wrote:

>
>
> Hi Lou and Bob,
> I am confused. Which one of you is looking for what? A socket? Hardware?
>
> CUL, Roger/K1TG
>
> --- On Wed, 10/24/12, Robert S Jenkins <robert.s.jenkins@...> wrote:
>
> From: Robert S Jenkins <robert.s.jenkins@...>
> Subject: Re: [AWA Group] Business
> To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
> Date: Wednesday, October 24, 2012, 6:20 AM
>
>
>
> Sigh…
>
> I will pass since I have to place an order with play things of the past. They require a
$20 minimum order.
>
> Thank you
>
> Robert
> KG4KGL
>
> See you tonite on 80m
>
> On Oct 23, 2012, at 18:09, Louis Vermond <ldvermond@sympatico.ca> wrote:
>
>> You can have it for postage which is...hold on to ur hat...abt 10 bucks. QSL?
>>
>>
>> ----- Original Message -----
>> From: Robert S Jenkins

>> To: AWAGroup@yahoogroups.com
>> Sent: 2012-10-23 6:19 AM
>> Subject: Re: [AWA Group] Business
>>
>> Hello Louis,
>>
>> I would like to buy the socket with the missing nut for my 1929 build. Would you consider foregoing ebay and selling direct?
>>
>> Thank you
>>
>> Robert
>> KG4KGL
>>
>>
>>
>> On Oct 22, 2012, at 20:51, Louis Vermond <ldvermond@sympatico.ca> wrote:
>>
>>> Hello,
>>>
>>> I am gathering parts for eBay selling. Need info and a replacement part. Please see below...
>>>
>>> Anyone have an extra nut as shown?
>>> <geo's Wedding 008.jpg>
>>>
>>> Was this manufactured by National Radio or...?
>>> See painting Dutch boy logo below.
>>> <geo's Wedding 011.jpg>
>>>
>>> <geo's Wedding 012.jpg>
>>>
>>> Below... Manufacturer?
>>> Diamond shaped logo lower right corner has "RRP" in its centre.
>>> Porcelain base...
>>> <geo's Wedding 009.jpg>
>
>
>
>
>

6513. Re: [AWA Group] Business

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-24 14:55:44 UTC
From: Roger Kuchera
Topic: 6502 Message: 6513

GM Bob,
     Is it safe to assume that your looking for a 4-pin socket? I suppose your in need of the
type for mounting on a breadboard. If you have a pix of what you need, send it.

Roger.

--- On Wed, 10/24/12, Robert S Jenkins <robert.s.jenkins@...> wrote:

From: Robert S Jenkins <robert.s.jenkins@...>
Subject: Re: [AWA Group] Business
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Wednesday, October 24, 2012, 10:52 AM

It is I who is looking for parts for a 1929 Hartley build.

In other news, I just ordered an Elecraft K1 kit. That should keep me busy.

73

Robert
KG4KGL

On Oct 24, 2012, at 10:47, Roger Kuchera <rwkuchera@...> wrote:

Hi Lou and Bob,
     I am confused. Which one of you is looking for what? A socket? Hardware?

CUL, Roger/K1TG

--- On Wed, 10/24/12, Robert S Jenkins <robert.s.jenkins@...> wrote:

From: Robert S Jenkins <robert.s.jenkins@...>
Subject: Re: [AWA Group] Business
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Wednesday, October 24, 2012, 6:20 AM

Sigh…

I will pass since I have to place an order with play things of the past. They require a $20 minimum order.

Thank you

Robert
KG4KGL

See you tonite on 80m

On Oct 23, 2012, at 18:09, Louis Vermond <ldvermond@...> wrote:

You can have it for postage which is...hold on to ur hat...abt 10 bucks. QSL?

----- Original Message -----
From: Robert S Jenkins
To: AWAGroup@yahoogroups.com
Sent: 2012-10-23 6:19 AM
Subject: Re: [AWA Group] Business

Hello Louis,

I would like to buy the socket with the missing nut for my 1929 build. Would you consider foregoing ebay and selling direct?

Thank you

Robert
KG4KGL

On Oct 22, 2012, at 20:51, Louis Vermond <ldvermond@...> wrote:

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Anyone have an extra nut as shown?
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Was this manufactured by National Radio or...?
See painting Dutch boy logo below.
<geo's Wedding 011.jpg>

<geo's Wedding 012.jpg>

Below... Manufacturer?
Diamond shaped logo lower right corner has "RRP" in its centre.
Porcelain base...
<geo's Wedding 009.jpg>

6514. Re: Short Wave Coil Book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-24 19:34:46 UTC
From: kb7gp_dave
Topic: 6504 Message: 6514

You might have the whole book.

http://books.google.com/books/about/Short_Wave_Coil_Book.html?id=1KVrHAAACAAJ

check out the link see if this is the one you have.
Dave KB7GP

--- In AWAGroup@yahoogroups.com, Roger Kuchera <rwkuchera@...> wrote:
>
> Gentlemen,
> I recently received a rather dog-eared copy of the original Radio
> Publications booklet "Short Wave Coil Book." However, I only got up to
> page 16. I have no idea how many pages were in the original. At any
> rate, Is there anyone who has either an original or reprint that might
> be able to scan in missing pages and email them to me? I don't know
> how tall an order that is. This version of the booklet only has receive
> coils in it. I see there is another with RX and TX coils.
>
> As always, Thank you for your time and patience.
>
> CUL, Roger/K1TG
>

6515. Re: [AWA Group] Re: Short Wave Coil Book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-24 19:39:10 UTC
From: Roger Kuchera
Topic: 6504 Message: 6515

Hi Dave,
Thanks for the tip. I guess I have everything but the end cover.
What I got was a box of old coil forms and this booklet. It is moth
eaten. The coils and forms were the better part of the deal.

I have to wonder where the circuits were for all those coils? They
aren't in the book, as it is.

CUL, Roger/K1TG

--- On Wed, 10/24/12, kb7gp_dave <kb7gp@arrl.net> wrote:

> From: kb7gp_dave <kb7gp@...>
> Subject: [AWA Group] Re: Short Wave Coil Book
> To: AWAGroup@yahoogroups.com
> Date: Wednesday, October 24, 2012, 3:34 PM
> You might have the whole book.
>
> http://books.google.com/books/about/Short_Wave_Coil_Book.html?id=1KVrHAAACAAJ
>
> check out the link see if this is the one you have.
> Dave KB7GP
>
> --- In AWAGroup@yahoogroups.com,
> Roger Kuchera <rwkuchera@...> wrote:
> >
> > Gentlemen,
> > I recently received a rather
> dog-eared copy of the original Radio
> > Publications booklet "Short Wave Coil Book." However, I
> only got up to
> > page 16. I have no idea how many pages were in the
> original. At any
> > rate, Is there anyone who has either an original or
> reprint that might
> > be able to scan in missing pages and email them to me?
> I don't know
> > how tall an order that is. This version of the booklet
> only has receive
> > coils in it. I see there is another with RX and TX
> coils.
> >
> > As always, Thank you for your time
> and patience.
> >
> > CUL, Roger/K1TG

> >
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
> AWAGroup-fullfeatured@yahoogroups.com
>
>

6516. RE: [AWA Group] Business

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-25 12:14:28 UTC
From: barry whittemore
Topic: 6502 Message: 6516

You are very unlikely to find any parts in the K1 kit that will be useful for a 1929 hartley.

GL with it. I am looking forward to getting my 1929 on the air.
73
barry
NF1O

To: AWAGroup@yahoogroups.com
From: robert.s.jenkins@...
Date: Wed, 24 Oct 2012 10:52:05 -0400
Subject: Re: [AWA Group] Business

It is I who is looking for parts for a 1929 Hartley build.

In other news, I just ordered an Elecraft K1 kit. That should keep me busy.

73

Robert
KG4KGL

On Oct 24, 2012, at 10:47, Roger Kuchera <rwkuchera@...> wrote:

Hi Lou and Bob,
I am confused. Which one of you is looking for what? A socket? Hardware?

CUL, Roger/K1TG

--- On Wed, 10/24/12, Robert S Jenkins <robert.s.jenkins@...> wrote:

From: Robert S Jenkins <robert.s.jenkins@...>
Subject: Re: [AWA Group] Business
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Wednesday, October 24, 2012, 6:20 AM

Sigh…

I will pass since I have to place an order with play things of the past. They require a $20 minimum order.

Thank you

Robert
KG4KGL

See you tonite on 80m

On Oct 23, 2012, at 18:09, Louis Vermond <ldvermond@...> wrote:

You can have it for postage which is...hold on to ur hat...abt 10 bucks. QSL?

----- Original Message -----
From: Robert S Jenkins
To: AWAGroup@yahoogroups.com
Sent: 2012-10-23 6:19 AM
Subject: Re: [AWA Group] Business

Hello Louis,

I would like to buy the socket with the missing nut for my 1929 build. Would you consider foregoing ebay and selling direct?

Thank you

Robert
KG4KGL

On Oct 22, 2012, at 20:51, Louis Vermond <ldvermond@sympatico.ca> wrote:

Hello,

I am gathering parts for eBay selling. Need info and a replacement part. Please see below...

Anyone have an extra nut as shown?
<geo's Wedding 008.jpg>

Was this manufactured by National Radio or...?
See painting Dutch boy logo below.
<geo's Wedding 011.jpg>

<geo's Wedding 012.jpg>

Below... Manufacturer?
Diamond shaped logo lower right corner has "RRP" in its centre.
Porcelain base...
<geo's Wedding 009.jpg>

6517. Our 100th member -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-25 14:14:45 UTC
From: Mike Feher
Topic: 6517 Message: 6517

Please welcome Chris, SP6GNJ from Poland, as our new member. As it turns out, he made the membership count exactly 100 now. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

6518. Re: Short Wave Coil Book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-25 17:17:00 UTC
From: kb7gp_dave
Topic: 6504 Message: 6518

You might consider scanning what you have and make it available. I know I would consider it an interesting, if not valuable, resource.

Dave KB7GP

--- In AWAGroup@yahoogroups.com, Roger Kuchera <rwkuchera@...> wrote:
>
> Hi Dave,
> Thanks for the tip. I guess I have everything but the end cover.
> What I got was a box of old coil forms and this booklet. It is moth
> eaten. The coils and forms were the better part of the deal.
>
> I have to wonder where the circuits were for all those coils? They
> aren't in the book, as it is.
>
> CUL, Roger/K1TG
>
> --- On Wed, 10/24/12, kb7gp_dave <kb7gp@...> wrote:
>
> > From: kb7gp_dave <kb7gp@...>
> > Subject: [AWA Group] Re: Short Wave Coil Book
> > To:

6519. Coil winding question(s)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-25 17:23:05 UTC
From: Robert S Jenkins
Topic: 6519 Message: 6519

Hello all,

How does one go about finding the correct number of turns for a given band or freq?

Terry Hall was nice enough to send me a copy of an 80m one tube regen article and I was thinking of building it so that it would be a WWV monitor for 15Mc.

Thanks

Robert
KG4KGL

6520. Re: [AWA Group] Coil winding question(s)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-25 19:19:34 UTC
From: Jim Robson
Topic: 6519 Message: 6520

Hello AWAGroup friends,

I would be interested in similar information such that I could restore my McElroy/Globe Trotter transmitter which is missing the plug-in coils. Is there printed material available?

Many thanks in advance,
73, Jim/VE3BHK

On 25/10/12 1:23 PM, Robert S Jenkins wrote:
>
> Hello all,
>
> How does one go about finding the correct number of turns for a given
> band or freq?
>
> Terry Hall was nice enough to send me a copy of an 80m one tube regen
> article and I was thinking of building it so that it would be a WWV
> monitor for 15Mc.
>
> Thanks
>
> Robert
> KG4KGL
>
>

6521. Re: [AWA Group] Coil winding question(s)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-25 19:17:45 UTC
From: Leonard Meek
Topic: 6519 Message: 6521

Robert, there are lots of coil winding programs on the net, some free and some requiring a modest payment. I use one called FNC-ELCAD. It's an old program and doesn't seem to be available anymore. John O'donnell recently posted a coil winding program. You might try it and see if it suits your needs.

Leonard

----- Original Message -----
From: "Robert S Jenkins" <robert.s.jenkins@...>
To: <AWAGroup@yahoogroups.com>
Sent: Thursday, October 25, 2012 7:23 AM
Subject: [AWA Group] Coil winding question(s)

> Hello all,
>
> How does one go about finding the correct number of turns for a given band
> or freq?
>
> Terry Hall was nice enough to send me a copy of an 80m one tube regen
> article and I was thinking of building it so that it would be a WWV
> monitor for 15Mc.
>
> Thanks
>
> Robert
> KG4KGL
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

6522. Re: [AWA Group] Coil winding question(s)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-25 19:20:21 UTC
From: Leonard Meek
Topic: 6519 Message: 6522

Robert, re: my last, I think it was in the Regenrx group.

Leonard

----- Original Message -----
From: "Robert S Jenkins" <robert.s.jenkins@...>
To: <AWAGroup@yahoogroups.com>
Sent: Thursday, October 25, 2012 7:23 AM
Subject: [AWA Group] Coil winding question(s)

> Hello all,
>
> How does one go about finding the correct number of turns for a given band
> or freq?
>
> Terry Hall was nice enough to send me a copy of an 80m one tube regen
> article and I was thinking of building it so that it would be a WWV
> monitor for 15Mc.
>
> Thanks
>
> Robert
> KG4KGL
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
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>
>

6523. Re: [AWA Group] Re: Short Wave Coil Book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-25 20:35:38 UTC
From: Roger Kuchera
Topic: 6504 Message: 6523

Hi Dave,
     I am doing that very thing.

CUL, Roger/K1TG

--- On Thu, 10/25/12, kb7gp_dave <kb7gp@...> wrote:

From: kb7gp_dave <kb7gp@...>
Subject: [AWA Group] Re: Short Wave Coil Book
To: AWAGroup@yahoogroups.com
Date: Thursday, October 25, 2012, 1:17 PM

You might consider scanning what you have and make it available. I know I would consider it an interesting, if not valuable, resource.

Dave KB7GP

--- In AWAGroup@yahoogroups.com, Roger Kuchera <rwkuchera@...> wrote:
>
> Hi Dave,
>   Thanks for the tip. I guess I have everything but the end cover.
> What I got was a box of old coil forms and this booklet. It is moth
> eaten. The coils and forms were the better part of the deal.
>
>   I have to wonder where the circuits were for all those coils? They
> aren't in the book, as it is.
>
> CUL, Roger/K1TG
>
> --- On Wed, 10/24/12, kb7gp_dave <kb7gp@...> wrote:
>
> > From: kb7gp_dave <kb7gp@...>
> > Subject: [AWA Group] Re: Short Wave Coil Book
> > To:

Yahoo! Groups Links

6524. Re: [AWA Group] Coil winding question(s)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-26 05:42:51 UTC
From: Roger Kuchera
Topic: 6519 Message: 6524

Hi Jim,
     Do you have any pix of the coils you have?

CUL, Roger/K1TG

--- On Thu, 10/25/12, Jim Robson <nc101x@...> wrote:

From: Jim Robson <nc101x@...>
Subject: Re: [AWA Group] Coil winding question(s)
To: AWAGroup@yahoogroups.com
Date: Thursday, October 25, 2012, 3:19 PM

Hello AWAGroup friends,

I would be interested in similar information such that I could restore my McElroy/Globe Trotter transmitter which is missing the plug-in coils. Is there printed material available?

Many thanks in advance,
73, Jim/VE3BHK

On 25/10/12 1:23 PM, Robert S Jenkins wrote:

Hello all,

How does one go about finding the correct number of turns for a given band or freq?

Terry Hall was nice enough to send me a copy of an 80m one tube regen article and I was thinking of building it so that it would be a WWV monitor for 15Mc.

Thanks

Robert
KG4KGL

6525. Re: coil winding question(s)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-26 19:41:13 UTC
From: JAMES HANLON
Topic: 6525 Message: 6525

MY 1952 ARRL Handbook provides the following formulas pertaining to coil winding. I've always found them to be pretty good.

The inductance of an air-core coil may be calculated from the formula:

L = (0.2 a2 n2) / (3a + 9b +10c)

Where L = inductance in microhenries
a = average diameter of coil in inches (a is squared in the numerator of the above equation)
b = length of winding in inches
c = Radiad lepth of winding in inches
n = Number of turns (n is squared in the numerator of the above equation)

The quantity 10c may be neglected if the coil only has one layer of wire.

For example, consider a coil having 35 turns of # 30 dsc wire on a form 1.5 inches in diameter. Consulting a wire table, 35 turns of #30 dsc will occupy 0.5 inch. Therefore a = 1.5, b = 0.5, n = 35, and L = 61.25 microhenries.

To calculate the number of turns, n, of a single-layer coil for a required value of inductance:

n2 = (3a + 9b) x L / 0.2 a2 and of course n is the square root of n2

For example, suppose a 10 microhenry inductance is required. Theavailable form has a 1 inch diameter and is long enough to aqccomodate a coil length of 1.25 inches. Then a = 1, b = 1.25, and L = 10. n calculates to be 26.6 turns. A 27 turn coil would be close enough for practical work.

The formula for the resonant frequency of a parallel LC pair (or for a series LC pair) is

(wo)2 = (1/LC)

Where wo is the "angular frequency," 2 x pi x the frequency in Hertz, L is the inductance in Henries, and C is the capacitance in Farads.

For example, an L of 1 microhenry and a C of 100 picofarad would resonate at wo = 108 corresponding to a frequency fo of 15.93 x 106 or 15.93 megaHertz.

I hope all of the subscrips and superscrips come through in this message.

Jim, W8KGI

6526. Re: [AWA Group] Re: coil winding question(s)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-26 20:50:05 UTC
From: Leonard Meek
Topic: 6525 Message: 6526

If you're math challanged or just lazy like me, there's a number of coil winding programs on the net that will do all the calculating for you. There's programs for single layer, multi layer, square and spiral, spider web and basket weave, iron and ferrite core torroids. The only one I haven't found yet is one for slug tuned coils. They're still cut & try.

Leonard

----- Original Message -----
From: JAMES HANLON
To: AWA Group
Sent: Friday, October 26, 2012 9:41 AM
Subject: [AWA Group] Re: coil winding question(s)

MY 1952 ARRL Handbook provides the following formulas pertaining to coil winding. I've always found them to be pretty good.

The inductance of an air-core coil may be calculated from the formula:

L = (0.2 a2 n2) / (3a + 9b +10c)

Where L = inductance in microhenries

a = average diameter of coil in inches (a is squared in the numerator of the above equation)

b = length of winding in inches

c = Radiad lepth of winding in inches

n = Number of turns (n is squared in the numerator of the above equation)

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For example, consider a coil having 35 turns of # 30 dsc wire on a form 1.5 inches in diameter. Consulting a wire table, 35 turns of #30 dsc will occupy 0.5 inch. Therefore a = 1.5, b = 0.5, n = 35, and L = 61.25 microhenries.

To calculate the number of turns, n, of a single-layer coil for a required value of inductance:

n2 = (3a + 9b) x L / 0.2 a2 and of course n is the square root of n2

For example, suppose a 10 microhenry inductance is required. Theavailable form has a 1 inch diameter and is long enough to aqccomodate a coil length of 1.25 inches. Then a = 1, b = 1.25, and L = 10. n calculates to be 26.6 turns. A 27 turn coil would be close enough for practical work.

The formula for the resonant frequency of a parallel LC pair (or for a series LC pair) is

(wo)2 = (1/LC)

Where wo is the "angular frequency," 2 x pi x the frequency in Hertz, L is the inductance in Henries, and C is the capacitance in Farads.

For example, an L of 1 microhenry and a C of 100 picofarad would resonate at wo = 108 corresponding to a frequency fo of 15.93 x 106 or 15.93 megaHertz.

I hope all of the subscrips and superscrips come through in this message.

Jim, W8KGI

6527. 2 tube regen Transceiver Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-26 23:30:30 UTC
From: Don
Topic: 6527 Message: 6527

After a long summer I am back at the radios. One of my projects was the small two tube regen/Cw transmitter using a 56 tube for osc and regen and a 42 tube for RF PA and AF PA. During the summer rest I somehow figured out what the trouble was. In regen it didnt like being disturbed trying to drive the PA. I rebuilt that section like it was in the intial single tube experiment and where the Phones normally went on the Regen rheo wiper I installed a small audio trasnformer to feed the 01 cap for the grid of the 42 Tube. It worked but was very "quiet". I surmised it was the 8 ohm impredance now feeding the grid through that cap it didnt like. I knew that Amp was working fine from tests i did feeding it with an old speaker and audio transfomer using the speaker for a mike so I took another audio transformer and connected its 8 ohm winding to the one I had just installed, I then wired the seconadry winding to grid and the 01 cap feeding the 42 grid. Instant success. It actualy works well. Regen is a bit touchy on this rig so I will sort those things out now (probably playing with gridleak resistor will make this more user friendly) Also regen is a bit stodgy at the high end of the band. Circuit gets low on C I think. I can put a padding cap in parallel with the tuning cap and steal a turn or so off the coil and I suspect all will be well. Anyway it works. I have been testing it on 7140 (CW only)a bit. It is low power (42 PA ube runing 150V on the plate) so you may not be able to hear it. Still it was an very interesting design and build and works a bit better then I had hoped. I believe there are pics in my albumn.
Don VE3LYX

6528. Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 14:19:15 UTC
From: Eddy Swynar
Topic: 6528 Message: 6528

Hi Guys,

Whilst rummaging around through my "...bubble pile" here to-day, lo & behold if I didn't find my long-lost 160-meter coils for my 3x227 MOPA transmitter...!

Guess somebody upstairs is dropping me hints that it's near-time to start making ready for the Bruce Kelly 1929 fray...

~73~ de Eddy VE3CUI - VE3XZ

6529. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 14:31:20 UTC
From: Dave VanDenburg
Topic: 6528 Message: 6529

Hi Eddy,

How are your type 27 tubes configured in your MOPA?

I am just finishing up the 160 meter coils for my Hartley MOPA. Mine uses a type 45 oscillator and two type 45 s in parallel in PA. Am looking forward to the BK. Always a good time!

Dave, WA8DOF

From: Eddy Swynar <deswynar@xplornet.ca>
To: AWAGroup@yahoogroups.com
Sent: Saturday, October 27, 2012 10:19 AM
Subject: [AWA Group] Somebody Up There Is Telling Me Something...!

Hi Guys,

Whilst rummaging around through my "...bubble pile" here to-day, lo & behold if I didn't find my long-lost 160-meter coils for my 3x227 MOPA transmitter...!

Guess somebody upstairs is dropping me hints that it's near-time to start making ready for the Bruce Kelly 1929 fray...

~73~ de Eddy VE3CUI - VE3XZ

6530. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 14:32:13 UTC
From: ve7sl@shaw.ca
Topic: 6528 Message: 6530

>Whilst rummaging around through my "...bubble pile" here to-day, lo &
>behold if I didn't find my long-lost 160-meter coils for my 3x227 MOPA
>transmitter...!

Eddy - I'm really looking forward to working you and Lou on 160 this year during the second weekend....it will be a real highlight for me if we can do it! I hope Paul will be on too, as he has a super antenna for topband back there as well.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6531. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 14:52:06 UTC
From: ne1s@securespeed.us
Topic: 6528 Message: 6531

```
>
> Eddy - I'm really looking forward to working you and Lou on 160 this year
> during the second weekend....it will be a real highlight for me if we can
> do
> it! I hope Paul will be on too, as he has a super antenna for topband back
> there as well.
>
> Steve / 73
>
```

Am hoping to get on 160M as well, with the PP TNT. 160M was the first band I ever used it on, long before I knew about the BK and AWA.

For those of you?that don't know, I was in a head-on collision the day after Labor Day and suffered a broken ankle and knee, both on my right leg. I haven't been able to go down to the cellar shack since, which is where?the 1929 station is. But "they" will let me start putting?weight on my right leg the week after Thanksgiving, so am hoping I'll be able to negotiate the stairs after that. I am having a railing installed; without it it would be suicide!

73,
-Larry/NE1S

6532. RE: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 15:13:54 UTC
From: Steve Flood
Topic: 6528 Message: 6532

>> I am just finishing up the 160 meter coils for my Hartley MOPA. Mine uses a type 45 oscillator and two type 45 s in parallel in PA.

Dave – how about a pic or two of your MOPA rig? Mine has a 45 Hartley and 865 PA.

Steve, KK7UV

6533. Re: [AWA Group] Short Wave Coil Book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 15:39:29 UTC
From: ne1s@securespeed.us
Topic: 6504 Message: 6533

> Gentlemen,
> I recently received a rather dog-eared copy of the original Radio
> Publications booklet "Short Wave Coil Book." However, I only got up to
> page 16. I have no idea how many pages were in the original. At any
> rate, Is there anyone who has either an original or reprint that might
> be able to scan in missing pages and email them to me? I don't know
> how tall an order that is. This version of the booklet only has receive
> coils in it. I see there is another with RX and TX coils.
>
> As always, Thank you for your time and patience.
>
> CUL, Roger/K1TG
>

Roger,

Do you mean the "Short Wave Coil Data Book?" If so, I have a reprint I purchased from Lindsay several years ago. It seems like too much of a coincidence if not the same book - same publisher and also 16 pages long.

73,
-Larry/NE1S

6534. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 15:53:38 UTC
From: ve7sl@shaw.ca
Topic: 6528 Message: 6534

Larry - sorry to hear about your accident but good to know you are recovering. I will keep an ear out for you for sure...you always seem to come through well here in the predawn hours with a great signal...hopefully on topband as well. I guess the 160 bunch will have to figure a good 'window time' that we can all gather in the watering hole so as to best maximize our time / QSO results.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6535. Re: 2 tube regen Transceiver Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 16:07:09 UTC
From: Don
Topic: 6527 Message: 6535

--- In AWAGroup@yahoogroups.com, "Don" <dulmagedon@...> wrote:
I was wrong. Problems of stodgy regen proved to be very minor. Once i fixed that the regen became less touchy. I have it working now pretty good. Had it on air 7200 today about 11.20 local time. I didnt get a QSO but did get a couple of ??s from a Caribean station on CW. It has a bit of a growl although not huge like a 1920s set. Have a bit of filment hum but not huge. I will sort through that also. Set tunes at the bottom to about 6995. Lunch interfered with fnding the top end.
> Don VE3LYX
>

6536. Re: [AWA Group] Coil winding question(s)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 17:15:54 UTC
From: Jim Robson
Topic: 6519 Message: 6536
Attachments: 3 described; binary payloads are missing from this source WARC

Hi, Roger--sorry for the delay; just wrote an exam. All I have is the attached GlobeTrotter manual which shows a coil winding detail. I have no coils but understand they are 5-pin plug ins; possibly 'standard' Hammarlunds? Also att'd are a few pictures; in it's life, someone attempted to convert it to variable tuning from crystal. I am a bit light on transmitter theory; I assume the coils load and the crystal provides output frequency?

On 26/10/12 1:42 AM, Roger Kuchera wrote:
>
> Hi Jim,
> Do you have any pix of the coils you have?
> CUL, Roger/K1TG
>
> --- On *Thu, 10/25/12, Jim Robson /<nc101x@...>/* wrote:
>
>
> From: Jim Robson <nc101x@...>
> Subject: Re: [AWA Group] Coil winding question(s)
> To: AWAGroup@yahoogroups.com
> Date: Thursday, October 25, 2012, 3:19 PM
>
>
>
> Hello AWAGroup friends,
>
> I would be interested in similar information such that I could
> restore my McElroy/Globe Trotter transmitter which is missing the
> plug-in coils. Is there printed material available?
>
> Many thanks in advance,
> 73, Jim/VE3BHK
>
> On 25/10/12 1:23 PM, Robert S Jenkins wrote:
>> Hello all,
>>
>> How does one go about finding the correct number of turns for a
>> given band or freq?
>>
>> Terry Hall was nice enough to send me a copy of an 80m one tube
>> regen article and I was thinking of building it so that it would
>> be a WWV monitor for 15Mc.
>>
>> Thanks

```
>>
>> Robert
>> KG4KGL
>>
>
>
>
```

6537. Re: 2 tube regen Transceiver Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 16:15:57 UTC
From: Don
Topic: 6527 Message: 6537

--- In AWAGroup@yahoogroups.com, "Don" <dulmagedon@...> wrote:
>
>
>
> --- In AWAGroup@yahoogroups.com, "Don" <dulmagedon@> wrote:
> http://groups.yahoo.com/group/AWAGroup/photos/album/1402571104/pic/1053083783/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc

photo here.
I am now looking for a very simple cathode modulator circuit that can be plugged into the key jack.
Don VE3LYX
> >
>

6538. Back issues of OTB needed.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 18:51:02 UTC
From: ritareo
Topic: 6538 Message: 6538

I need the 4 issues of Vol. 2 and Vol.3 no.2 to complete file. Can anyone help? Copies will do if I can't find originals. I will pay your price.
Merrill Bancroft
Posted - Thu Oct 25, 2012 7:27 am

6539. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 20:37:13 UTC
From: Eddy Swynar
Topic: 6528 Message: 6539

On 2012-10-27, at 10:31 AM, Dave VanDenburg wrote:

>
> How are your type 27 tubes configured in your MOPA?
>
> I am just finishing up the 160 meter coils for my Hartley MOPA. Mine uses a type 45 oscillator and two type 45 s in parallel in PA. Am looking forward to the BK. Always a good time!
>
>
>

Hi Dave,

My 3x227 MOPA here uses a single 227 Hartley-style oscillator, & two 227s in parallel in the PA stage...

When I might get the chance this weekend I'll take a coupla jpeg epix's of it & post them here...

The rig needs a bit of technical assistance to cure a jumpy intermittent in the frequency department here---I suspect I have a bad fixed cap in the circuit someplace that desperately needs replacing.

~73~ de Eddy VE3CUI - VE3XZ

6540. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 20:43:28 UTC
From: Eddy Swynar
Topic: 6528 Message: 6540

On 2012-10-27, at 10:32 AM, <ve7sl@...> wrote:

> I'm really looking forward to working you and Lou on 160 this year
> during the second weekend....it will be a real highlight for me if we can do
> it! I hope Paul will be on too, as he has a super antenna for topband back
> there as well.
>
>
>

Hi Steve,

Only just yesterday I FINALLY finished work on my three element triangular phased array for 160---I had to replace the one air variable capacitor at the base of the north "L" because it had corroded to the point that it had turned GREEN at the rotor / bearings!

I think I'll give it a good "burn in" by way of the CQ WW contest (SS) that's happening this weekend...

Sure would be a nice feather in our collective caps, Steve, if we might be so fortunate as to work one another on all three bands this year!

Here's hopin', anyway...

~73!~ de Eddy VE3CUI - VE3XZ

PS: Haven't heard Paul on Topband yet this season---but then again, a whole MESS o' Big Guns on the band have been AWOL so far here (they're all probably listening, though!).

6541. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-27 20:47:23 UTC
From: Eddy Swynar
Topic: 6528 Message: 6541

On 2012-10-27, at 10:52 AM, ne1s@... wrote:
>
> For those of you that don't know, I was in a head-on collision the day
> after Labor Day and suffered a broken ankle and knee, both on my right
> leg. I haven't been able to go down to the cellar shack since, which is
> where the 1929 station is. But "they" will let me start putting weight on
> my right leg the week after Thanksgiving, so am hoping I'll be able to
> negotiate the stairs after that. I am having a railing installed; without
> it it would be suicide!
>

Hi Larry,

I sure do NOT envy you there in the recovery mode...! Hope you heal-up, and FAST, too...

I think I may well be going into recovery mode, of sorts, here as well in the near future, too---albeit it voluntarily. I had an MRI of my arthritic knee done this past week, & am s'posed to see my MD in a few days.

With any luck, The Bionic Man Steve Austin won't have anything over on me---at least in the LH knee, anyway! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

6542. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-28 00:25:22 UTC
From: Dave VanDenburg
Topic: 6528 Message: 6542

Hi Steve

I will try to take a couple of photos and post tomorrow. I am new here so will have to figure out how to do that.

Dave, WA8DOF

From: Steve Flood <kk7uv@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, October 27, 2012 11:13 AM
Subject: RE: [AWA Group] Somebody Up There Is Telling Me Something...!

>> I am just finishing up the 160 meter coils for my Hartley MOPA. Mine uses a type 45 oscillator and two type 45 s in parallel in PA.

Dave - how about a pic or two of your MOPA rig? Mine has a 45 Hartley and 865 PA.

Steve, KK7UV

6543. Spark demo

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-28 13:24:54 UTC
From: Louis Vermond
Topic: 6543 Message: 6543

Secret Life Of Machines - The Radio

http://www.youtube.com/watch?v=2roG4jIjvEk

Watch especially 2:30 - 10:00

6544. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-28 15:41:28 UTC
From: ne1s@securespeed.us
Topic: 6528 Message: 6544

> I sure do NOT envy you there in the recovery mode...! Hope you heal-up,
> and FAST, too...
>
> I think I may well be going into recovery mode, of sorts, here as well in
> the near future, too---albeit it voluntarily. I had an MRI of my arthritic
> knee done this past week, & am s'posed to see my MD in a few days.
>
> With any luck, The Bionic Man Steve Austin won't have anything over on
> me---at least in the LH knee, anyway! Hi Hi
>
> ~73~ de Eddy VE3CUI - VE3XZ

Hi Eddy,

Well, good luck, I hope you don't need anything too drastic - are you thinking a knee replacement? That's a much bigger deal than just fixing my fractured kneecap (patella) - all I needed was a couple of screws. (There are many more screws in my ankle, which was by far the worse injury).

Went down cellar today for the first time since the accident - not via the stairs, but by going outside around to the side of the house where the cellar opens up at ground level. I was helping instruct XYL Elaine on getting the floor pump ready to go in case we need to use it. We probably will; any time we get a lot of rain in a short period of time we get some water in the cellar, and they're saying we could get as much as 5" of rain out of Sandy. It was good to lay eyes on all my old gear agin!

73,
-Larry/NE1S

6545. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-28 17:07:49 UTC
From: Eddy Swynar
Topic: 6528 Message: 6545
Attachments: 4 described; binary payloads are missing from this source WARC

Hi Dave,

As promised, here are a few jpegs of my 3x227 MOPA...

I fired it up to-day after replacing the original grid resistor & the silver mica coupling cap that were there: the signal sounded steadier alright (no jumpiness), but there was still the odd intermittent change---and so I removed the VR scheme that I had in the rig which controlled the B+ on the 227 oscillator to a steady 150 VDC, & let the whole rig run directly off of unregulated 300 VDC from the supply...

The plate voltage drops to around 270 VDC with the key down---but at least the jittery quality of the signal seems to have been cured...

Now onto the pix:

This is the front view of things, all pretty much self-explanatory save for the small knob at the lower LH side: it's a vernier "fine tuning" control of the VFO to aid in spotting...

A rear view of the set, with my 160-meter coils installed for "...maximum effect", Hi Hi. The two paralleled 27s are on the LH side, with the single 227 Hartley oscillator on the RH side. Note the "modern" SO-239 coax connector (nobody's perfect!).

Looking down at the rig from above. Note the homebrewed(!) scramble-wound enamel wire meter multiplier!

Another front three-quarter front view...

The rig is fed with 300 volts, and likes to run at around 40 ma. plate current when resonated, making a final input power of around 10-watts when the key is pressed down...

...And that, as they say, is that...!

~73~ de Eddy VE3CUI - VE3XZ

6546. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-28 17:22:16 UTC
From: Eddy Swynar
Topic: 6528 Message: 6546

On 2012-10-28, at 11:41 AM, ne1s@... wrote:
>
> Well, good luck, I hope you don't need anything too drastic - are you
> thinking a knee replacement? That's a much bigger deal than just fixing my
> fractured kneecap (patella) - all I needed was a couple of screws. (There
> are many more screws in my ankle, which was by far the worse injury).
>
> Went down cellar today for the first time since the accident - not via the
> stairs, but by going outside around to the side of the house where the
> cellar opens up at ground level. I was helping instruct XYL Elaine on
> getting the floor pump ready to go in case we need to use it. We probably
> will; any time we get a lot of rain in a short period of time we get some
> water in the cellar, and they're saying we could get as much as 5" of rain
> out of Sandy. It was good to lay eyes on all my old gear agin!

Hi Larry,

Yeah, that's exactly what I think'll happen to me: a new "bionic" knee...

The current knee is rife with osteoarthritis, & apparently has no cartilege left in it---I assume that the MRI will confirm this.

Old age sure does bite the big one---if only we humans could remain as robust as some of the 80+ year old vacuum tubes that we use (sigh!)...

~73~ de Eddy VE3CUI - VE3XZ

6547. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-28 17:49:24 UTC
From: Eddy Swynar
Topic: 6528 Message: 6547

On 2012-10-28, at 1:07 PM, Eddy Swynar wrote:

> Hi Dave,
>
> As promised, here are a few jpegs of my 3x227 MOPA...
>

Hi Again Dave,

I hasten to add something that I forgot in my original note re. the 3x227 rig: it STILL sounds chirpy, alright, no doubt because the oscillator is keyed along with the final PA stage...

...But at least the detrimental effects of ".,.,.wind wobbulation" will be---hopefully!---negated by virtue of the MOPA design...

I still do envy how some guys' MOPAs sound almost like "mod" rigs...oh well, at least the charm & ambiance of 1929 will not have "...left the building" here" Hi Hi.

~73~ de Eddy VE3CUI - VE3XZ

6548. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-28 19:00:28 UTC
From: Eddy Swynar
Topic: 6528 Message: 6548

Hi Guys,

Something to consider that may just save some time for you builders of 1929-craft transmitters...

I wondered why the variable loading capacitor that I placed in series with the output / antenna link coil had almost zero effect upon the actual loading of the pair of 227's in my transmitter on Topband. Tapping down this coil was not a "universal" option here, as the links on my 80- and 40-meter coils are wound with insulated wire. So as a compromise, of sorts, I attached a tapping wire on the actual final tank coil of the two PA tubes themselves, and experimented with different settings while transmitting into a light bulb...

Lo & behold, the notion works---as I tap down the tank coil I can increase final plate current, AND make the bulb glow brighter. Tapping UP the coil reduces both plate current and RF output.

Of course, one reaches a point of diminished returns when the final PA tuning capacitor reaches maximum "C"---but by then I've reached maximum safe plate current, anyway...

Tapping the actual final plate tank coil to control RF output & plate current input input---hooda thunk it...?!

~73~ de Eddy VE3CUI - VE3XZ

6549. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 00:29:58 UTC
From: Dave VanDenburg
Topic: 6528 Message: 6549
Attachments: 6 described; binary payloads are missing from this source WARC

Hi Guys,

Think I have his figured out. Will give it a try.

Have attached some photos of my version of the Hartley MOPA. The oscillator uses a type 45, and is designed to feed the PA, hence, no output link. I did add the mounts so I can add an output coil later if desired. Band change is done by changing the coil. I still have to label the frequency dial.

The PA section uses two type 45 s in parallel. I usually run it at about 50 mA with 350 volts on the plates. This gives me about 18 watts in and about 12 to 13 out. Band change is done by changing the tap on the Tank coil (the larger "outside" coil). It will tune 160, 80, and 40.

I key both the oscillator and PA and have been told the signal is clean with very little chirp. I can reduce the loading (and PA current) by changing the taps on the output link coil (the inside coil). This is what I plan to do to comply with the 10 watt input limit for the BK. I suppose I could just pull one of the 45 s and reneutralize.

I have looked at the output on my spectrum analyzer (not calibrated in recorded history) and all harmonics are better than 40 dB down. This must be close to meeting FCC requirements, and puts all harmonics in the milliwatt level.

Both units fit into a HB 19 inch wooden rack. The empty space (which currently is holding my TNT) is for a Heising Modulator (Still under design). Just imagine, 6 watts of raw AM power!

Looking forward to talking to you all during the BK.

Keep them filaments lit!

Dave

6550. RE: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 01:41:36 UTC
From: Mike Feher
Topic: 6528 Message: 6550

A beautiful job Dave. Hope you make a lot of QSOs. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Dave VanDenburg
Sent: Sunday, October 28, 2012 8:30 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Hi Guys,

Think I have his figured out. Will give it a try.

Have attached some photos of my version of the Hartley MOPA. The oscillator uses a type 45, and is designed to feed the PA, hence, no output link. I did add the mounts so I can add an output coil later if desired. Band change is done by changing the coil. I still have to label the frequency dial.

The PA section uses two type 45 s in parallel. I usually run it at about 50 mA with 350 volts on the plates. This gives me about 18 watts in and about 12 to 13 out. Band change is done by changing the tap on the Tank coil (the larger "outside" coil). It will tune 160, 80, and 40.

I key both the oscillator and PA and have been told the signal is clean with very little chirp. I can reduce the loading (and PA current) by changing the taps on the output link coil (the inside coil). This is what I plan to do to comply with the 10 watt input limit for the BK. I suppose I could just pull one of the 45 s and reneutralize.

I have looked at the output on my spectrum analyzer (not calibrated in recorded history) and all harmonics are better than 40 dB down. This must be close to meeting FCC requirements, and puts all harmonics in the milliwatt level.

Both units fit into a HB 19 inch wooden rack. The empty space (which currently is holding my TNT) is for a Heising Modulator (Still under design). Just imagine, 6 watts of raw AM power!

Looking forward to talking to you all during the BK.

Keep them filaments lit!

Dave

6551. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 10:29:08 UTC
From: ne1s@securespeed.us
Topic: 6528 Message: 6551

> Have attached some photos of my version of the Hartley MOPA.?

Cool rig, Dave!

> Just imagine, 6 watts of raw AM power!

As I've mentioned to the list before, I plate-modulate my Hartley on 75M, getting out about 5W of carrier to the antenna. I've talked to folks all over New England with it. My modulator uses a pair of 45s in class AB2. Very little FMing, too, because of the high-C tank coil.

> Looking forward to talking to you all during the BK.

Me, too!

73,
-Larry/NE1S

6552. Nice work Dave!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 11:49:41 UTC
From: Burton G. Lade
Topic: 6528 Message: 6552
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Dave,

Nice work. Looks like you are gearing up for the 29 contest.
Iv'e been winding coils for my new MOPA project. It is working on
160, 80, and 40 now using the BUD Jack bar format as an experiment.
Also fabricated an L network to use on all bands and is stout
enough for QRP or QRO. It works great. It was nice to work you
on 80 CW the other day. Maybe will get to chat on 75 if I hear you.

73 for now,

Burt KB0MM

On Sun, 2012-10-28 at 17:29 -0700, Dave VanDenburg wrote:
>
> Hi Guys,
>
> Think I have his figured out. Will give it a try.
>
> Have attached some photos of my version of the Hartley MOPA. The
> oscillator uses a type 45, and is designed to feed the PA, hence, no
> output link. I did add the mounts so I can add an output coil later
> if desired. Band change is done by changing the coil. I still have
> to label the frequency dial.
>
> The PA section uses two type 45 s in parallel. I usually run it at
> about 50 mA with 350 volts on the plates. This gives me about 18
> watts in and about 12 to 13 out. Band change is done by changing the
> tap on the Tank coil (the larger "outside" coil). It will tune 160,
> 80, and 40.
>
> I key both the oscillator and PA and have been told the signal is
> clean with very little chirp. I can reduce the loading (and PA
> current) by changing the taps on the output link coil (the inside
> coil). This is what I plan to do to comply with the 10 watt input
> limit for the BK. I suppose I could just pull one of the 45 s and
> reneutralize.
>
> I have looked at the output on my spectrum analyzer (not calibrated in
> recorded history) and all harmonics are better than 40 dB down. This
> must be close to meeting FCC requirements, and puts all harmonics in
> the milliwatt level.
>
> Both units fit into a HB 19 inch wooden rack. The empty space (which
> currently is holding my TNT) is for a Heising Modulator (Still under

> design). Just imagine, 6 watts of raw AM power!
>
> Looking forward to talking to you all during the BK.
>
> Keep them filaments lit!
>
> Dave
>

6553. Re: [AWA Group] Somebody Up There Is Telling Me Something...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 12:02:24 UTC
From: Eddy Swynar
Topic: 6528 Message: 6553

Nice job, Dave...! Congratulations...

~73~ de Eddy VE3CUI - VE3XZ

On 2012-10-28, at 8:29 PM, Dave VanDenburg wrote:

>
> Hi Guys,
>
> Think I have his figured out. Will give it a try.
>
> Have attached some photos of my version of the Hartley MOPA. The oscillator uses a type 45, and is designed to feed the PA, hence, no output link. I did add the mounts so I can add an output coil later if desired. Band change is done by changing the coil. I still have to label the frequency dial.
>
> The PA section uses two type 45 s in parallel. I usually run it at about 50 mA with 350 volts on the plates. This gives me about 18 watts in and about 12 to 13 out. Band change is done by changing the tap on the Tank coil (the larger "outside" coil). It will tune 160, 80, and 40.
>
> I key both the oscillator and PA and have been told the signal is clean with very little chirp. I can reduce the loading (and PA current) by changing the taps on the output link coil (the inside coil). This is what I plan to do to comply with the 10 watt input limit for the BK. I suppose I could just pull one of the 45 s and reneutralize.
>
> I have looked at the output on my spectrum analyzer (not calibrated in recorded history) and all harmonics are better than 40 dB down. This must be close to meeting FCC requirements, and puts all harmonics in the milliwatt level.
>
> Both units fit into a HB 19 inch wooden rack. The empty space (which currently is holding my TNT) is for a Heising Modulator (Still under design). Just imagine, 6 watts of raw AM power!
>
> Looking forward to talking to you all during the BK.
>
> Keep them filaments lit!
>
> Dave
>
>
> <Hartley Osc Rear.jpg><Hartley Osc Front.jpg><PA Rear.jpg><PA Front.jpg><MOPA Rack.jpg><Hart MOPA 005.JPG>

6554. 160m coils & email

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 12:22:37 UTC
From: N1BUG
Topic: 6554 Message: 6554

Hi guys,

I "lost" whatever transpired in the group over the past month or so due to a particularly bizarre network problem. I will review the group archive when I find a block of time. I quite likely missed some private mail too... :-(

There will be no building projects for me this year, but I do want to get 160m coils wound for the TNT. I'm looking for ideas. I already have the grid coil. For the tank and antenna coils, I have some 3 inch bakelite tube I wanted to wind them on. I have two problems with this. One, I still haven't found wire I am happy with. You know how stubborn I am! Second, and where I need some ideas... How do I anchor the ends of the wire to the bakelite in such a way that it will stay put and so that I will be able to mount these coils on the #8-32 studs of the beehives like the higher band coils? I've been mulling this over for a year now and still don't have a plan. It will probably/hopefully be #14 solid wire. Naturally I would like to use hardware that would have actually been available in '29, but at this point I'm willing to compromise! I'm stumped. This can't be that difficult, can it? What ridiculously simple concept am I missing here?

73,
Paul aka Bugsy

6555. Re: [AWA Group] 160m coils & email

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 12:34:44 UTC
From: Eddy Swynar
Topic: 6554 Message: 6555

On 2012-10-29, at 8:22 AM, N1BUG wrote:

> Hi guys,
>
> I "lost" whatever transpired in the group over the past month or so due to a particularly bizarre network problem. I will review the group archive when I find a block of time. I quite likely missed some private mail too... :-(
>
> There will be no building projects for me this year, but I do want to get 160m coils wound for the TNT. I'm looking for ideas. I already have the grid coil. For the tank and antenna coils, I have some 3 inch bakelite tube I wanted to wind them on. I have two problems with this. One, I still haven't found wire I am happy with. You know how stubborn I am! Second, and where I need some ideas... How do I anchor the ends of the wire to the bakelite in such a way that it will stay put and so that I will be able to mount these coils on the #8-32 studs of the beehives like the higher band coils? I've been mulling this over for a year now and still don't have a plan. It will probably/hopefully be #14 solid wire. Naturally I would like to use hardware that would have actually been available in '29, but at this point I'm willing to compromise! I'm stumped. This can't be that difficult, can it? What ridiculously simple concept am I missing here?
>
> 73,
> Paul aka Bugsy
>
>

6556. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 12:53:21 UTC
From: Louis Vermond
Topic: 130 Message: 6556
Attachments: 1 described; binary payloads are missing from this source WARC

Vintage radio,ham transmitter on wood base- with globe RCA UX-210 tube
http://www.ebay.ca/itm/251174867139?ru=http%3A%2F%2Fwww.ebay.ca%3A80%2Fsch%2Fi.html%3F_trksid%3Dp5197.m570.l1313%26_nkw%3D251174867139%26_sacat%3D0%26_from%3DR40%26_fvi%3D1&_rdc=1

6557. eBay Alert....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 12:53:11 UTC
From: Louis Vermond
Topic: 6557 Message: 6557
Attachments: 1 described; binary payloads are missing from this source WARC

Rare homemade tube ham radio transmitter w/ RCA 46 tubes breadboard
http://www.ebay.ca/itm/271092231075?ru=http%3A%2F%2Fwww.ebay.ca%3A80%2Fsch%2Fi.html%3F_trksid%3Dp5197.m570.l1313%26_nkw%3D271092231075%26_sacat%3D0%26_from%3DR40%26_fvi%3D1&_rdc=1

6558. Any Ops?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 14:03:27 UTC
From: Don
Topic: 6558 Message: 6558

Is anyone operating their Vintage equipment currently or are we all just polishing the furniture?
Re coil winding. Here is what helped me.
Wind a coil for your band of choice using available info and what you have on hand and have choosen for materials. Test it using a RX and a low power osc. Any of the early designs should do the job. I use also the absorbtion method here which is a bit different putting the unknown coil in parallel with a variable cap. Using a multiturn loop near the coil from my vintage signal gen I tune along with it on a cheap shorwave rx . When i find the null that is the freq. Once though you have made one or two coils , sayone in the higherrange 20 M for instance and one in the lower range 80 M then you quickly get a good feel for the parameters and can wind a pretty good coil at will.
Either the sig gen /null way or a low power osc works. Winding coils is like kissing. It is (or was) the first kiss that was the hardest.Once yougET by that it becomes much easier.
Don VE3LYX

6559. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 14:52:15 UTC
From: N1BUG
Topic: 130 Message: 6559
Attachments: 1 described; binary payloads are missing from this source WARC

I saw this one too. Curious. Those coils appear to be VHF. Maybe 2-1/2 meters? Would a UX-210 work at that frequency? Maybe it's not the original tube?

Paul

On 10/29/2012 08:53 AM, Louis Vermond wrote:

?
Vintage radio,ham transmitter on wood base- with globe RCA UX-210 tube

http://www.ebay.ca/itm/251174867139?ru=http%3A%2F%2Fwww.ebay.ca%3A80%2Fsch%2Fi.html%3F_trksid%3Dp5197.m570.l1313%26_nkw%3D251174867139%26_sacat%3D0%26_from%3DR40%26_fvi%3D1&_rdc=1

?

6560. Re: [AWA Group] Any Ops?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 15:06:58 UTC
From: Roger Kuchera
Topic: 6558 Message: 6560

2 cents worth:
    The lighter the coupling to the tank, the more accurate the null will be.

CUL, Roger/K1TG

--- On Mon, 10/29/12, Don <dulmagedon@...> wrote:

From: Don <dulmagedon@...>
Subject: [AWA Group] Any Ops?
To: AWAGroup@yahoogroups.com
Date: Monday, October 29, 2012, 10:03 AM

Is anyone operating their Vintage equipment currently or are we all just polishing the furniture?
Re coil winding. Here is what helped me.
Wind a coil for your band of choice using available info and what you have on hand and have choosen for materials. Test it using a RX and a low power osc. Any of the early designs should do the job. I use also the absorbtion method here which is a bit different putting the unknown coil in parallel with a variable cap. Using a multiturn loop near the coil from my vintage signal gen I tune along with it on a cheap shorwave rx . When i find the null that is the freq. Once though you have made one or two coils , sayone in the higherrange 20 M for instance and one in the lower range 80 M then you quickly get a good feel for the parameters and can wind a pretty good coil at will.
Either the sig gen /null way or a low power osc works. Winding coils is like kissing. It is (or was) the first kiss that was the hardest.Once yougет by that it becomes much easier.
Don VE3LYX

Yahoo! Groups Links

6561. eBay - another transmitter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 15:07:59 UTC
From: N1BUG
Topic: 6561 Message: 6561
Attachments: 2 described; binary payloads are missing from this source WARC

Boy, it is a week for transmitters.... here's another

http://www.ebay.com/itm/321011461488

6562. Re: [AWA Group] Nice work Dave!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 19:23:54 UTC
From: Dave VanDenburg
Topic: 6528 Message: 6562

Thanks Burt

Always nice to hear kind words, especially from a "master builder" such as yourself.

Was good to chat the other night. Your new rig sounds very good. No trace of chirp, nice clean tone, and very loud. Does not sound "vintage" at all. If possible, how about giving us some details. I think Harold mentioned it uses two type 211 s, but beyond that I do not know much about it.

Am getting ready for the BK. Plan to have the MOPA on 80 meters evenings in the near future. I would like to use it on the MWGL net, but I think I need more power. The band has been kind of puny most evenings, but that will change soon. The rig is just too much fun to ignore.

Am also working on an audio filter for the regen. I love that radio, but she needs a little help on a crowded band.

73, and CUL

Dave

From: Burton G. Lade <lade@paulbunyan.net>
To: AWAGroup@yahoogroups.com
Sent: Monday, October 29, 2012 7:49 AM
Subject: [AWA Group] Nice work Dave!

Hi Dave,

Nice work. Looks like you are gearing up for the 29 contest.
Iv'e been winding coils for my new MOPA project. It is working on
160, 80, and 40 now using the BUD Jack bar format as an experiment.
Also fabricated an L network to use on all bands and is stout
enough for QRP or QRO. It works great. It was nice to work you
on 80 CW the other day. Maybe will get to chat on 75 if I hear you.

73 for now,

Burt KB0MM

On Sun, 2012-10-28 at 17:29 -0700, Dave VanDenburg wrote:
>
> Hi Guys,
>
> Think I have his figured out. Will give it a try.
>
> Have attached some photos of my version of the Hartley MOPA. The
> oscillator uses a type 45, and is designed to feed the PA, hence, no

> output link. I did add the mounts so I can add an output coil later
> if desired. Band change is done by changing the coil. I still have
> to label the frequency dial.
>
> The PA section uses two type 45 s in parallel. I usually run it at
> about 50 mA with 350 volts on the plates. This gives me about 18
> watts in and about 12 to 13 out. Band change is done by changing the
> tap on the Tank coil (the larger "outside" coil). It will tune 160,
> 80, and 40.
>
> I key both the oscillator and PA and have been told the signal is
> clean with very little chirp. I can reduce the loading (and PA
> current) by changing the taps on the output link coil (the inside
> coil). This is what I plan to do to comply with the 10 watt input
> limit for the BK. I suppose I could just pull one of the 45 s and
> reneutralize.
>
> I have looked at the output on my spectrum analyzer (not calibrated in
> recorded history) and all harmonics are better than 40 dB down. This
> must be close to meeting FCC requirements, and puts all harmonics in
> the milliwatt level.
>
> Both units fit into a HB 19 inch wooden rack. The empty space (which
> currently is holding my TNT) is for a Heising Modulator (Still under
> design). Just imagine, 6 watts of raw AM power!
>
> Looking forward to talking to you all during the BK.
>
> Keep them filaments lit!
>
> Dave
>

6563. How About A "Receiver"...?!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 21:18:24 UTC
From: Eddy Swynar
Topic: 6563 Message: 6563

Hi Guys,

All these posts for OT transmitters, and not a single one for receivers---until now, that is:

http://www.ebay.com/itm/Vintage-Home-Made-Radio-/321012309587?pt=Vintage_Electronics_R2&hash=item4abdd31e53

(At least I *think* it's some sorta receiver, crystal or otherwise...!)

~73~ de Eddy VE3CUI - VE3XZ

6564. Re: [AWA Group] Any Ops?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-30 03:02:17 UTC
From: Don
Topic: 6558 Message: 6564

--- In AWAGroup@yahoogroups.com, Roger Kuchera <rwkuchera@...> wrote:
>
> 2 cents worth:
> The lighter the coupling to the tank, the more accurate the null will be.
>
> CUL, Roger/K1TG

For sure
Don
>
> --- On Mon, 10/29/12, Don <dulmagedon@...> wrote:
>
>
> From: Don <dulmagedon@...>
> Subject: [AWA Group] Any Ops?
> To: AWAGroup@yahoogroups.com
> Date: Monday, October 29, 2012, 10:03 AM
>
>
> Is anyone operating their Vintage equipment currently or are we all just polishing the furniture?
> Re coil winding. Here is what helped me.
> Wind a coil for your band of choice using available info and what you have on hand and have choosen for materials. Test it using a RX and a low power osc. Any of the early designs should do the job. I use also the absorbtion method here which is a bit different putting the unknown coil in parallel with a variable cap. Using a multiturn loop near the coil from my vintage signal gen I tune along with it on a cheap shorwave rx . When i find the null that is the freq. Once though you have made one or two coils , sayone in the higherrange 20 M for instance and one in the lower range 80 M then you quickly get a good feel for the parameters and can wind a pretty good coil at will.
> Either the sig gen /null way or a low power osc works. Winding coils is like kissing. It is (or was) the first kiss that was the hardest.Once youget by that it becomes much easier.
> Don VE3LYX
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

6565. Collins 30J-18 Transmitter and/or parts wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-30 07:33:09 UTC
From: David
Topic: 6565 Message: 6565

I am restoring a Collins 30J-18 Transmitter and am in need of some parts. Please look through your parts boxes for the following items. I will be pleased to send pictures.

Pictures have been uploaded to the Photos section of the AWAGroup under "VE7EPP's Collins 30J-18 Restoration".

http://groups.yahoo.com/group/AWAGroup/photos/album/2011112295/pic/list

I would be interested in purchasing a complete or parts 30J-18 as well.

Collins 7000B Exciter Plug-In Coils
Collins 7000C-5 Exciter Plug-In Coils
Collins 131C-11 Tank Plug-In Coils
Cardwell Variable Capacitor XT-440-XD 440MFD dual gang
Cardwell Variable Capacitor XE-240-XT 240MFD dual gang
C120 Modulator Tubes
ZB120 Modulator Tubes
Ceramic Coil Forms 6" x 2.5"
7 Pin Ceramic Coil Forms (same as 1625 tube pins)

David VE7EPP 604-781-1773 anytime

6566. eBay Alert.... beautiful

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-30 15:37:14 UTC
From: Louis Vermond
Topic: 6566 Message: 6566

Geo. H. Bliss & Co. Telegraph Key and Sounder

http://www.ebay.com/itm/Early-Geo-H-Bliss-Co-Telegraph-Key-and-Sounder-Original-and-Excellent-/290800727946?_trksid=p2047675.m2109&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D1%26asc%3D142%26meid%3D3108845271951455972%26pid%3D100010%26prg%3D1076%26rk%3D5%26sd%3D251175842704%26

6567. Re: [AWA Group] 160m coils & email

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-29 15:14:55 UTC
From: Roger Kuchera
Topic: 6554 Message: 6567

2 cents worth,
    Try making lugs out of copper tubing. Flatten one end in a vise. When you flatten stick
a drill or some sort of rod in the "open" end to prevent the tubing from collapsing. I have had some success with flattening and then cutting the tubing.

CUL, Roger/K1TG

--- On Mon, 10/29/12, N1BUG <paul@...> wrote:

From: N1BUG <paul@...>
Subject: [AWA Group] 160m coils & email
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Monday, October 29, 2012, 8:22 AM

Hi guys,

I "lost" whatever transpired in the group over the past month or so due to a particularly bizarre network problem. I will review the group archive when I find a block of time. I quite likely missed some private mail too... :-(

There will be no building projects for me this year, but I do want to get 160m coils wound for the TNT. I'm looking for ideas. I already have the grid coil. For the tank and antenna coils, I have some 3 inch bakelite tube I wanted to wind them on. I have two problems with this. One, I still haven't found wire I am happy with. You know how stubborn I am! Second, and where I need some ideas... How do I anchor the ends of the wire to the bakelite in such a way that it will stay put and so that I will be able to mount these coils on the #8-32 studs of the beehives like the higher band coils? I've been mulling this over for a year now and still don't have a plan. It will probably/hopefully be #14 solid wire. Naturally I would like to use hardware that would have actually been available in '29, but at this point I'm willing to compromise! I'm stumped. This can't be that difficult, can it? What ridiculously simple concept am I missing here?

73,
Paul aka Bugsy

6568. Re: 160m coils & email

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-31 03:01:44 UTC
From: ab9zg@ymail.com
Topic: 6554 Message: 6568

Paul,

Have you read the article in the April 1931 QST on how to convert your December 1929 TNT to 160 meters yet? It has other suggestions in addition to using thinner wire.

The phone transmitter in the April 1929 QST uses what appear to be ring terminals to connect the 14 ga. wire to studs that bolt onto the form. Since beehives use machine screws instead of studs, one could pass the wire though a small hole drilled into the form and solder the wire to a ring terminal or solder lug inside the form; the terminal would prevent the wire from pulling through and the coil from coming undone. Then the normal mounting holes would be drilled into the form concentric with the rings of the terminals, so that the form and the terminals could be bolted to the beehives.

Jon

6569. Re: [AWA Group] Re: 160m coils & email

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-31 12:50:59 UTC
From: N1BUG
Topic: 6554 Message: 6569

Thanks Jon.

Yes I read the article about 160 meter coils in April 1931 QST. The larger diameter copper tubing coil is very attractive. I still may end up going that route, though I desire to make 160 coils not physically larger than the 80 meter coils if possible, so that the rig with 160 coils mounted will fit under the acrylic dust cover I had made for it.

Thanks for the idea about ring terminals inside the forms. That seems like it could work if I don't crack the thin bakelite while bending the wire where it passes through. I'm not sure just how delicate this stuff is. I guess I will find out.

I had thought of ring terminals glued to the outside of the form, but I would only be guessing at the ability of any adhesive to provide a strong, long term bond to bakelite.

Paul

On 10/30/2012 11:01 PM, ab9zg@... wrote:
> Paul,
>
> Have you read the article in the April 1931 QST on how to convert
> your December 1929 TNT to 160 meters yet? It has other
> suggestions in addition to using thinner wire.
>
> The phone transmitter in the April 1929 QST uses what appear to
> be ring terminals to connect the 14 ga. wire to studs that bolt
> onto the form. Since beehives use machine screws instead of
> studs, one could pass the wire though a small hole drilled into
> the form and solder the wire to a ring terminal or solder lug
> inside the form; the terminal would prevent the wire from pulling
> through and the coil from coming undone. Then the normal mounting
> holes would be drilled into the form concentric with the rings of
> the terminals, so that the form and the terminals could be bolted
> to the beehives.
>
> Jon
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

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>

6570. Re: [AWA Group] 160m coils & email

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-31 12:56:47 UTC
From: N1BUG
Topic: 6554 Message: 6570

Thanks Roger.

That should make a fine lug, but I still am not certain how to attach the lug & wire to the bakelite form so it stays put. Under normal circumstances (constructing modern gear) I would just start experimenting, but I hesitate to start cutting and drilling precious bakelite tube until I'm reasonably confident I have a workable plan. :-)

Paul

On 10/29/2012 11:14 AM, Roger Kuchera wrote:

2 cents worth,

Try making lugs out of copper tubing. Flatten one end in a vise. When you flatten stick

a drill or some sort of rod in the "open" end to prevent the tubing from collapsing. I have

had some success with flattening and then cutting the tubing.

CUL, Roger/K1TG

6571. W.E. 216-A Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-31 17:46:56 UTC
From: Louis Vermond
Topic: 6571 Message: 6571
Attachments: 1 described; binary payloads are missing from this source WARC

What is the name of potting material on the underside of the base? Thank you, Lou

6572. Re: [AWA Group] W.E. 216-A Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-31 18:03:26 UTC
From: Leonard Meek
Topic: 6571 Message: 6572
Attachments: 1 described; binary payloads are missing from this source WARC

Lou, I don't know what they used on the 216-A but I have a VT-1 that looks like they used sealing wax. It melts at a fairly low temp too.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Wednesday, October 31, 2012 7:46 AM
Subject: [AWA Group] W.E. 216-A Question

What is the name of potting material on the underside of the base? Thank you, Lou

6573. Re: [AWA Group] W.E. 216-A Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-31 18:32:55 UTC
From: Louis Vermond
Topic: 6571 Message: 6573

Sealing wax...that's it! Thank you, Leonard. 73, Lou

6574. Re: [AWA Group] 160m coils & email

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-31 18:47:12 UTC
From: Roger Kuchera
Topic: 6554 Message: 6574

Hi Paul,
     Is the tubing thick enough to drill and tap?

Roger.

--- On Wed, 10/31/12, N1BUG <paul@...> wrote:

From: N1BUG <paul@...>
Subject: Re: [AWA Group] 160m coils & email
To: AWAGroup@yahoogroups.com
Date: Wednesday, October 31, 2012, 8:56 AM

Thanks Roger.

That should make a fine lug, but I still am not certain how to attach the lug & wire to the bakelite form so it stays put. Under normal circumstances (constructing modern gear) I would just start experimenting, but I hesitate to start cutting and drilling precious bakelite tube until I'm reasonably confident I have a workable plan. :-)

Paul

On 10/29/2012 11:14 AM, Roger Kuchera wrote:

2 cents worth,
     Try making lugs out of copper tubing. Flatten one end in a vise. When you flatten stick
a drill or some sort of rod in the "open" end to prevent the tubing from collapsing. I have had some success with flattening and then cutting the tubing.

CUL, Roger/K1TG

6575. Re: [AWA Group] Any Ops?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-10-31 21:35:01 UTC
From: Don
Topic: 6558 Message: 6575

--- In AWAGroup@yahoogroups.com, Roger Kuchera <rwkuchera@...> wrote:
>
> 2 cents worth:
> The lighter the coupling to the tank, the more accurate the null will be.
>
> CUL, Roger/K1TG
>
> --- On Mon, 10/29/12, Don <dulmagedon@...> wrote:
>
>
> From: Don <dulmagedon@...>
> Subject: [AWA Group] Any Ops?
> To: AWAGroup@yahoogroups.com
> Date: Monday, October 29, 2012, 10:03 AM
>
>
> Is anyone operating their Vintage equipment currently or are we all just polishing the furniture?
> The answer to the first question I gather must be a "No"
Well tonite I am going through all my 1920s Tx's (Yes Both of them !) and giving them an on air test. Probably 7110 if I can find a hole there. Dont want to be the guy in Lou's picture!
Don Ve3LYX
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

6576. Re: [AWA Group] Any Ops?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 02:17:55 UTC
From: Don
Topic: 6558 Message: 6576

-Tried them out. I decided I like the TNT the best. Going to dismantle the Hartley and make something else from it. Besides I have a matching regen for the TNT. I have another Hartley Tx and Rx but it isnt legal for the BK events. I just operate for fun anyway. No contest blood in this Ham.
Scared a few with the whoop whoop I think. Still, it is a lot of fun. TNT is a two bander. Just move the grid coil clip and retune the tank.
Don Ve3LYX

> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>

6577. Read & weep, SL!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 02:22:03 UTC
From: Louis Vermond
Topic: 6577 Message: 6577

"I decided I like the TNT the best. Going to dismantle the Hartley and make something else from it."

Hi Don...

6578. Re: [AWA Group] Nice work Dave!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 11:36:50 UTC
From: Burton G. Lade
Topic: 6528 Message: 6578

Hi Dave,

I will try to take some shots of the 211 mopa today
and send you an email later in the day hopefully.
Just curious, what's the bore and stroke on the
steam engine? Any photos yet?

73 for now

Burt

On Mon, 2012-10-29 at 12:23 -0700, Dave VanDenburg wrote:
>
> Thanks Burt
>
> Always nice to hear kind words, especially from a "master builder"
> such as yourself.
>
> Was good to chat the other night. Your new rig sounds very good. No
> trace of chirp, nice clean tone, and very loud. Does not sound
> "vintage" at all. If possible, how about giving us some details. I
> think Harold mentioned it uses two type 211 s, but beyond that I do
> not know much about it.
>
> Am getting ready for the BK. Plan to have the MOPA on 80 meters
> evenings in the near future. I would like to use it on the MWGL net,
> but I think I need more power. The band has been kind of puny most
> evenings, but that will change soon. The rig is just too much fun to
> ignore.
>
> Am also working on an audio filter for the regen. I love that radio,
> but she needs a little help on a crowded band.
>
> 73, and CUL
>
> Dave
>
>
>
> From: Burton G. Lade <lade@...>
> To: AWAGroup@yahoogroups.com
> Sent: Monday, October 29, 2012 7:49 AM
> Subject: [AWA Group] Nice work Dave!
>
>
> Hi Dave,

>
> Nice work. Looks like you are gearing up for the 29 contest.
> Iv'e been winding coils for my new MOPA project. It is working on
> 160, 80, and 40 now using the BUD Jack bar format as an experiment.
> Also fabricated an L network to use on all bands and is stout
> enough for QRP or QRO. It works great. It was nice to work you
> on 80 CW the other day. Maybe will get to chat on 75 if I hear you.
>
> 73 for now,
>
> Burt KB0MM
>
>
> On Sun, 2012-10-28 at 17:29 -0700, Dave VanDenburg wrote:
> >
> > Hi Guys,
> >
> > Think I have his figured out. Will give it a try.
> >
> > Have attached some photos of my version of the Hartley MOPA. The
> > oscillator uses a type 45, and is designed to feed the PA, hence, no
> > output link. I did add the mounts so I can add an output coil later
> > if desired. Band change is done by changing the coil. I still have
> > to label the frequency dial.
> >
> > The PA section uses two type 45 s in parallel. I usually run it at
> > about 50 mA with 350 volts on the plates. This gives me about 18
> > watts in and about 12 to 13 out. Band change is done by changing the
> > tap on the Tank coil (the larger "outside" coil). It will tune 160,
> > 80, and 40.
> >
> > I key both the oscillator and PA and have been told the signal is
> > clean with very little chirp. I can reduce the loading (and PA
> > current) by changing the taps on the output link coil (the inside
> > coil). This is what I plan to do to comply with the 10 watt input
> > limit for the BK. I suppose I could just pull one of the 45 s and
> > reneutralize.
> >
> > I have looked at the output on my spectrum analyzer (not calibrated
> in
> > recorded history) and all harmonics are better than 40 dB down. This
> > must be close to meeting FCC requirements, and puts all harmonics in
> > the milliwatt level.
> >
> > Both units fit into a HB 19 inch wooden rack. The empty space (which
> > currently is holding my TNT) is for a Heising Modulator (Still under
> > design). Just imagine, 6 watts of raw AM power!
> >
> > Looking forward to talking to you all during the BK.
> >

> > Keep them filaments lit!
> >
> > Dave
> >
>
>
>

6579. Re: [AWA Group] 160m coils & email

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 11:37:31 UTC
From: N1BUG
Topic: 6554 Message: 6579

Hi Roger,

No, it isn't. It's about 1/16" thick which is why I'm also a bit nervous about the potential for cracking it.

I've come up with another idea. I could cut the coil form short enough to fit between the beehives, and attach each end of the coil to the form with a ring terminal and bolt/nut. I could then make short straps out of brass strip or flattened copper tubing, and drill a hole in each end. One end would attach to the bolt holding the wire at the end of the coil while the other end would slip over the stud on the beehive. I will have to run the calculations but I think I can still get enough turns on the shorter coil. The only possible difficulty I see is not being able to get enough coupling to the antenna coil. This mounting arrangement would create a wider gap between the tank and antenna coil at maximum coupling. This TNT has been a little peculiar with regard to coupling... I think.

Paul

On 10/31/2012 02:47 PM, Roger Kuchera wrote:
>
>
> Hi Paul,
> Is the tubing thick enough to drill and tap?
> Roger.

6580. Re: Read & weep, SL!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 11:45:35 UTC
From: Don
Topic: 6577 Message: 6580

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> "I decided I like the TNT the best. Going to dismantle the Hartley and make something else from it."
>
> Hi Don...
Hi Lou,
Summer is over and I am back in the shack. Working on a simplified version of the T1154 RCAF Am Cw transmitter (single PA tube)but still enjoy lighting up the 01As and 45s for entertainment. Had the little homebrew Transciever going great till the 42 tube came apart inside. Had another one do that in a old cabinet radio earlier this year. May sub a 6f6hoping it may be a bit tougher. RX was running a old 2000 ohm wooden speaker with good volume although mostly used phones. Tx was working well too with good output. I hate to buy another 42 tube and have it go the same. They seem to be a bit fragile. They do make god power though both RF and AF.
What are you working on now?
Don

>

6581. Re: [AWA Group] Re: Read & weep, SL!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 12:38:16 UTC
From: Louis Vermond
Topic: 6577 Message: 6581

Hello Don,

You've been busy. I'm working on the restoration of a Hartley this winter. That's about it... 73, Lou

----- Original Message -----
From: Don
To: AWAGroup@yahoogroups.com
Sent: 2012-11-01 7:45 AM
Subject: [AWA Group] Re: Read & weep, SL!

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> "I decided I like the TNT the best. Going to dismantle the Hartley and make something else from it."
>
> Hi Don...
Hi Lou,
Summer is over and I am back in the shack. Working on a simplified version of the T1154 RCAF Am Cw transmitter (single PA tube)but still enjoy lighting up the 01As and 45s for entertainment. Had the little homebrew Transciever going great till the 42 tube came apart inside. Had another one do that in a old cabinet radio earlier this year. May sub a 6f6hoping it may be a bit tougher. RX was running a old 2000 ohm wooden speaker with good volume although mostly used phones. Tx was working well too with good output. I hate to buy another 42 tube and have it go the same. They seem to be a bit fragile. They do make god power though both RF and AF.
What are you working on now?
Don

>

6582. Re: How About A "Receiver"...?!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 13:42:06 UTC
From: Eddy Swynar
Topic: 6563 Message: 6582

On 2012-10-29, at 5:18 PM, Eddy Swynar wrote:

> Hi Guys,
>
> All these posts for OT transmitters, and not a single one for receivers---until now, that is:
>
> http://www.ebay.com/itm/Vintage-Home-Made-Radio-/321012309587?pt=Vintage_Electronics_R2&hash=item4abdd31e53
>
> (At least I *think* it's some sorta receiver, crystal or otherwise...!)
>
> ~73~ de Eddy VE3CUI - VE3XZ

Somebody actually BOUGHT this thing for eight bucks:

http://www.ebay.com/itm/Vintage-Home-Made-Radio-/321012309587?pt=Vintage_Electronics_R2&hash=item4abdd31e53&nma=true&si=mfycMDUR9%2B%2B88n8aFlkk9R%2FBctQ%3D&orig_cvip=true&rt=nc&_trksid=p2047675.l2557

I hope it was worth it, is all I can say...!

~73~ de Eddy VE3CUI - VE3XZ

6583. Re: VE3AWA de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 13:54:25 UTC
From: Louis Vermond
Topic: 6214 Message: 6583
Attachments: 2 described; binary payloads are missing from this source WARC

Except for a lot of gusty wind and flitting rain we are riding Sandy out so far. Here? Abt wt u had.

BTW: That TX with the 4-46s in it is a GG design. Yes

From 1934 Handbook

6584. FYI

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 14:30:39 UTC
From: Louis Vermond
Topic: 3020 Message: 6584

Shock and Awe: The Story of Electricity

http://ww3.tvo.org/video/177005/revelations-and-revolutions

6585. Re: [AWA Group] FYI

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 15:18:06 UTC
From: Bill Burns
Topic: 3020 Message: 6585

I provided some historic images for the undersea cable segment and got a nice mention in the credits.

Ironically, my power here on Long Island NY has been out since Monday lunchtime...

Bill

On Thursday, November 1, 2012, Louis Vermond wrote:

> **
>
>
> Shock and Awe: The Story of Electricity
>
> http://ww3.tvo.org/video/177005/revelations-and-revolutions
>
>
>

--
--
Bill Burns

6586. Re: [AWA Group] FYI

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 19:08:29 UTC
From: Leonard Meek
Topic: 3020 Message: 6586

I just get a black screen.

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Thursday, November 01, 2012 4:30 AM
Subject: [AWA Group] FYI

Shock and Awe: The Story of Electricity

http://ww3.tvo.org/video/177005/revelations-and-revolutions

6587. Re: [AWA Group] FYI Leonard Meek

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 19:18:29 UTC
From: Louis Vermond
Topic: 6587 Message: 6587

I just get a black screen.

Works here. Starts out black then in a moment the image appears.

Try again: http://ww3.tvo.org/video/177005/revelations-and-revolutions

If not, write directly. Ldvermond@...

----- Original Message -----
From: To: AWAGroup@yahoogroups.com
Sent: 2012-11-01 3:08 PM
Subject: Re: [AWA Group] FYI

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Thursday, November 01, 2012 4:30 AM
Subject: [AWA Group] FYI

Shock and Awe: The Story of Electricity

http://ww3.tvo.org/video/177005/revelations-and-revolutions

6588. Re: [AWA Group] FYI Leonard Meek

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 22:10:12 UTC
From: Larry Szendrei
Topic: 6587 Message: 6588

On 11/1/12 3:18 PM, Louis Vermond wrote:
>
> I just get a black screen.
> Works here. Starts out black then in a moment the image appears.
> Try again: http://ww3.tvo.org/video/177005/revelations-and-revolutions
> If not, write directly. Ldvermond@...
> <mailto:Ldvermond@...>
>
I get the same blank screen here, no video. If it's a problem with the computer, (Imac 2.33 GHz running Lion, Safari) it's a first.

I have a Billy Box I can try; will do that later.

73,
-Larry/NE1S

6589. Re: [AWA Group] FYI Leonard Meek

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-01 23:15:34 UTC
From: Leonard Meek
Topic: 6587 Message: 6589

I have an old Compaq computer running XP. It seems to be rejecting more and more downloads lately. I'm nearly out of hard disk and I don't want to take a chance upgrading for fear of losing any or all of my CAD programs and family tree data. My CD ROM drive is down and I just can't seem to get around to replacing it.

Leonard

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: Thursday, November 01, 2012 12:10 PM
Subject: Re: [AWA Group] FYI Leonard Meek

On 11/1/12 3:18 PM, Louis Vermond wrote:

I just get a black screen.

Works here. Starts out black then in a moment the image appears.

Try again: http://ww3.tvo.org/video/177005/revelations-and-revolutions

If not, write directly. Ldvermond@...

I get the same blank screen here, no video. If it's a problem with the computer, (Imac 2.33 GHz running Lion, Safari) it's a first.

I have a Billy Box I can try; will do that later.

73,
-Larry/NE1S

6590. [AWA Group] Re: Read & weep, SL!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-02 02:22:24 UTC
From: Don
Topic: 6577 Message: 6590

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> Hello Don,
>
> You've been busy. I'm working on the restoration of a Hartley this winter. That's about it... 73, Lou
>
>
>
> ----- Original Message -----
> From: Don
> To: AWAGroup@yahoogroups.com
> Sent: 2012-11-01 7:45 AM
> Subject: [AWA Group] Re: Read & weep, SL!
> I restested them all and stil fell in love with my TNT so the old Hartley project has been reduced to parts for now. I may resurect it in some form later. This one just ever did work like I thought it should. Probably something stupid I did and I may kinda know what it was. I had the TNT going today with a 45 tube in it. About 4.5 watts input according to the meter. (150 volt B +)I might try it at 250v tomorrow since I can easily. Other than that worked on the T1154 project. It is bit compilcated for me but I have to see it through. VT104 final in the PA (aka PT15)
Have fun with your Hartley. I need to find a different layout from what I had. I have some old radio craft mags here. I may take a look there to see what they used back in the day.
Don
>
>
>
>
> --- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@> wrote:
> >
> > "I decided I like the TNT the best. Going to dismantle the Hartley and make something else from it."
> >
> > Hi Don...
> Hi Lou,
> Summer is over and I am back in the shack. Working on a simplified version of the T1154 RCAF Am Cw transmitter (single PA tube)but still enjoy lighting up the 01As and 45s for entertainment. Had the little homebrew Transciever going great till the 42 tube came apart inside. Had another one do that in a old cabinet radio earlier this year. May sub a 6f6hoping it may be a bit tougher. RX was running a old 2000 ohm wooden speaker with good volume although mostly used phones. Tx was working well too with good output. I hate to buy another 42 tube and have it go the same. They seem to be a bit fragile. They do make god power though both RF and AF.
> What are you working on now?
> Don

>
> >
>

6591. Re: [AWA Group] FYI Leonard Meek

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-02 12:26:22 UTC
From: N1BUG
Topic: 6587 Message: 6591

?

Try again: http://ww3.tvo.org/video/177005/revelations-and-revolutions

?

Depending on internet connection speed it may come up as a blank black box for several seconds to a minute or perhaps more. If it doesn't eventually load the video, you probably either don't have Flash player or it isn't working correctly. Ideally you should get a warning that Flash or a plugin is required, but that doesn't always happen.

It's working here on kubuntu linux 11.10, Firefox, and Shockwave Flash 11.2 r202

Paul

6592. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-02 13:34:03 UTC
From: Louis Vermond
Topic: 130 Message: 6592
Attachments: 1 described; binary payloads are missing from this source WARC

Well done. Worth reading....
1964 QST Amatuer Radio Magazine 50th Anniversary Edition - All 12 Issues

http://www.ebay.com/itm/1964-QST-Amatuer-Radio-Magazine-50th-Anniversary-Edition-All-12-Issues-/251177418739?ssPageName=ADME:B:SS:US:1123

6593. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-02 14:09:29 UTC
From: Eddy Swynar
Topic: 130 Message: 6593

Hi Lou,

Buy the ARRL book, "50 YEARS OF ARRL"---it's all in there in one handy collection...

...And yes, indeed, it is VERY good reading, too.

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-02, at 9:34 AM, Louis Vermond wrote:

>
> Well done. Worth reading....
> 1964 QST Amatuer Radio Magazine 50th Anniversary Edition - All 12 Issues
>
>
> http://www.ebay.com/itm/1964-QST-Amatuer-Radio-Magazine-50th-Anniversary-Edition-All-12-Issues-/251177418739?ssPageName=ADME:B:SS:US:1123
>
>
>
>

6594. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-02 14:24:33 UTC
From: Louis Vermond
Topic: 130 Message: 6594

Have both. Some how, QSTs make for btr reading....

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-11-02 10:09 AM
Subject: Re: [AWA Group] eBay Alert

Hi Lou,

Buy the ARRL book, "50 YEARS OF ARRL"---it's all in there in one handy collection...

...And yes, indeed, it is VERY good reading, too.

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-02, at 9:34 AM, Louis Vermond wrote:

Well done. Worth reading....
1964 QST Amatuer Radio Magazine 50th Anniversary Edition - All 12 Issues

http://www.ebay.com/itm/1964-QST-Amatuer-Radio-Magazine-50th-Anniversary-Edition-All-12-Issues-/251177418739?ssPageName=ADME:B:SS:US:1123

6595. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-03 02:58:03 UTC
From: Don Buska - The Radio Lab Works
Topic: 130 Message: 6595
Attachments: 1 described; binary payloads are missing from this source WARC

A nice selection of transmitter coils.

http://www.ebay.com/itm/Short-Wave-Shortwave-Radio-Coils-/130791549282?pt=LH_DefaultDomain_0&hash=item1e73c8a962

6596. A Real Find...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-03 11:41:03 UTC
From: Eddy Swynar
Topic: 6596 Message: 6596

Hello All You Purveyors Of Things 1929-ish...!

If you can at all swing it, beg / buy / borrow / steal yourself a copy of the first edition of the Frank Jones "West Coast HANDBOOK"...

I found one here in a trove of stuff that I received from a good friend, and have been poring over it ever since: what an absolute treasure trove of useful information! There was even a VERY neat all-band / one-size-fits-all coupling circuit to defeat the dreaded "signal suck-out" encountered by regenerative RF pre-selectors...and entire sections on self-excited oscillator-transmittters, the '45 tube vs. the '46, etc. etc. etc.

Every time I open that thing up I seem to discover a new nugget of info.

If you haven't got one, remedy the situation PDQ---you will NOT regret it!

~73~ de Eddy VE3CUI - VE3XZ

6599. Re: [AWA Group] Re: A Real Find...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-03 15:14:02 UTC
From: Eddy Swynar
Topic: 6596 Message: 6599

On 2012-11-03, at 11:07 AM, steve wrote:

> This one Eddy?
>
>

Hi Steve,

Yeah, that's mostly likely it, alright...!

Unfortunately, mine only has "homebrewed" covers--the originals are long gone...but the publishing date is 1935.

Isn't that just a swell cache of neat stuff that interests the likes of us...? I found things in that edition that only appeared in it, and none of the others that I have here...

~73!~ de Eddy VE3CUI - VE3XZ
>
> __,_._,__

6600. Robert KG4KGL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-03 20:53:00 UTC
From: Louis Vermond
Topic: 6600 Message: 6600

How about a SKED Sunday night? Lou

6601. RE: [AWA Group] A Real Find...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-03 22:21:09 UTC
From: Steve Flood
Topic: 6596 Message: 6601
Attachments: 1 described; binary payloads are missing from this source WARC

This one Eddy?

6602. Re: [AWA Group] A Real Find...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-03 22:29:46 UTC
From: Louis Vermond
Topic: 6596 Message: 6602
Attachments: 1 described; binary payloads are missing from this source WARC

I've never seen that one. How about scanning the low power rig section and post here? Lou

Ant?

This one Eddy?

6603. CG1162 VT-14 fialment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-03 23:45:04 UTC
From: Bauman, John
Topic: 6596 Message: 6603

Can some one tell me the filament voltage and current draw of the
CG1162 VT-14 tube.

And does any one have a socket or two?
I have a pair of these tubes.

John
KB7NRN

_____
Please visit ATI's all-new website: www.atimetals.com

6604. Re: [AWA Group] CG1162 VT-14 fialment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 00:03:17 UTC
From: Leonard Meek
Topic: 6596 Message: 6604

John, this is what I found on Google: "They have a filament rating of 7.5VDC at around 1 amp."

Leonard

----- Original Message -----
From: "Bauman, John" <john.bauman@...>
To: <AWAGroup@yahoogroups.com>
Sent: Saturday, November 03, 2012 1:45 PM
Subject: [AWA Group] CG1162 VT-14 fialment

> Can some one tell me the filament voltage and current draw of the
> CG1162 VT-14 tube.
>
> And does any one have a socket or two?
> I have a pair of these tubes.
>
> John
> KB7NRN
>
> _____
> Please visit ATI's all-new website: www.atimetals.com
>
>
> ----------
>
> Yahoo! Groups Links
>
>
>
>

6605. RE: [AWA Group] CG1162 VT-14 fialment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 00:05:00 UTC
From: Steve Flood
Topic: 6596 Message: 6605

7.5vdc 1.75A according to radiomuseum.org

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Bauman, John
Sent: Saturday, November 03, 2012 5:45 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] CG1162 VT-14 fialment

Can some one tell me the filament voltage and current draw of the CG1162 VT-14 tube.

And does any one have a socket or two?
I have a pair of these tubes.

John
KB7NRN

Please visit ATI's all-new website: www.atimetals.com

6606. Re: [AWA Group] CG1162 VT-14 fialment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 00:07:55 UTC
From: Leonard Meek
Topic: 6596 Message: 6606

John, I also found:

UV-Base (4 Pins+Bayonet, USA 1914 WE)
Filament Vf 7.5 Volts / If: 1.75 Ampere / -: Direct / -: Battery= /40
mA at 350 V.
Description As an oscillator 5 Watt output power

Leonard

.

----- Original Message -----
From: "Bauman, John" <john.bauman@...>
To: <AWAGroup@yahoogroups.com>
Sent: Saturday, November 03, 2012 1:45 PM
Subject: [AWA Group] CG1162 VT-14 fialment

> Can some one tell me the filament voltage and current draw of the
> CG1162 VT-14 tube.
>
> And does any one have a socket or two?
> I have a pair of these tubes.
>
> John
> KB7NRN
>
> _____
> Please visit ATI's all-new website: www.atimetals.com
>
>
> ----------
>
> Yahoo! Groups Links
>
>
>
>

6607. RE: [AWA Group] A Real Find...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 00:09:01 UTC
From: Steve Flood
Topic: 6596 Message: 6607

How about scanning the low power rig section and post here?

I don't have a scanner, so will have to use a digicam. Unless someone else has the book and a scanner.

6608. RE: [EXTERNAL EMAIL] :RE: [AWA Group] CG1162 VT-14 fialment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 00:08:29 UTC
From: Bauman, John
Topic: 6596 Message: 6608

Yep, just found that too Steve. Thanks.

Now I need a good UV socket. Any one got one?

_____
From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Steve Flood [kk7uv@...]
Sent: Saturday, November 03, 2012 5:05 PM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :RE: [AWA Group] CG1162 VT-14 fialment

7.5vdc 1.75A according to radiomuseum.org

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Bauman, John
Sent: Saturday, November 03, 2012 5:45 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] CG1162 VT-14 fialment

Can some one tell me the filament voltage and current draw of the
CG1162 VT-14 tube.

And does any one have a socket or two?
I have a pair of these tubes.

John
KB7NRN

_____
Please visit ATI's all-new website: www.atimetals.com<http://www.atimetals.com>

6609. CG1162 VT-14 fialment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 00:54:41 UTC
From: Louis Vermond
Topic: 6596 Message: 6609
Attachments: 1 described; binary payloads are missing from this source WARC

John,

Now I need a good UV socket. Any one got one? What is the measurement from the base side pin to the tip of the btm pins pse?

Lou

http://mysite.verizon.net/vzep5yv6/

Nice...

6610. Lots of activity on 80m tonite

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 02:53:32 UTC
From: Don
Topic: 6610 Message: 6610

I fired up my 1930s station today and tried it out tonite.I had a 3561 crystal in the socket. It was very busy tonite. Lots of vintage sounding stuff warbling away. No luck on a QSo but that is ok. Still fun. Have the regen on all battery power now. 123 volts B and 12 volts A. Works very well like that. Still using my indoor loop antenna with it as it is all it needs. I have two new antennas up now. One a 80M inverted L I use on the weekends on AM (3725) I also now have a inverted V 40M/80m which works almost as well . I had the one tube tx on it tonite. Also working on another wooden key. This one is prettier then the others. I love the way they stay in your hand.
Don VE3LYX

6611. Re: [AWA Group] A Real Find...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 12:59:29 UTC
From: Eddy Swynar
Topic: 6596 Message: 6611

On 2012-11-03, at 6:29 PM, Louis Vermond wrote:

>
> I've never seen that one. How about scanning the low power rig section and post here? Lou
>
> Ant?

Hi Lou,

I have a scanner here alright, but I will NOT risk damaging the spine of the book in order to scan the pages properly...! It already has a homebrewed cover on it, installed by some previous owner---pressing down to flatten the pages would surely destroy the book.

Note that I HAVE seen reprints of this very same book on eBay in the past, possibly re-published by Lindsay...?

Not sure, but it'd certainly be worthwhile getting one, even if it isn't an original...

~73~ de Eddy VE3CUI - VE3XZ

6612. Re: [AWA Group] A Real Find...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 13:03:01 UTC
From: Louis Vermond
Topic: 6596 Message: 6612

OK, Eddy.

27 days....

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-11-04 7:59 AM
Subject: Re: [AWA Group] A Real Find...!

On 2012-11-03, at 6:29 PM, Louis Vermond wrote:

I've never seen that one. How about scanning the low power rig section and post here? Lou

Ant?

Hi Lou,

I have a scanner here alright, but I will NOT risk damaging the spine of the book in order to scan the pages properly...! It already has a homebrewed cover on it, installed by some previous owner---pressing down to flatten the pages would surely destroy the book.

Note that I HAVE seen reprints of this very same book on eBay in the past, possibly re-published by Lindsay...?

Not sure, but it'd certainly be worthwhile getting one, even if it isn't an original...

~73~ de Eddy VE3CUI - VE3XZ

6613. 27 Days !!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 13:32:13 UTC
From: N1BUG
Topic: 6596 Message: 6613

27 days and counting down, Lou says.

I'll be ready this time!

80m antenna... fixed
New (still temporary) power supply... done
Antenna coupler... starting work this morning (~5 days to completion)

That leaves getting the TNT on a shelf of its own, off the operating desk. Vibration, you know. I have to get to the city to buy wood for that, but if need be I will send with the key on my lap as I have been!

73,
Bugsy

6614. RE: [AWA Group] A Real Find...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 14:51:08 UTC
From: Steve Flood
Topic: 6596 Message: 6614
Attachments: 3 described; binary payloads are missing from this source WARC

>>> reprints of this very same book on eBay in the past, possibly re-published by Lindsay...?

The Lindsay reprint is the 1936 edition - which I might think would have same/similar info as 1935, as most handbook successions do year-to-year.

1935

6615. Re: [AWA Group] 27 Days !!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 14:58:53 UTC
From: Eddy Swynar
Topic: 6596 Message: 6615

On 2012-11-04, at 8:32 AM, N1BUG wrote:

> 27 days and counting down, Lou says.
>
> I'll be ready this time!
>
> 80m antenna... fixed
> New (still temporary) power supply... done
> Antenna coupler... starting work this morning (~5 days to completion)
>
> That leaves getting the TNT on a shelf of its own, off the operating desk. Vibration, you know. I have to get to the city to buy wood for that, but if need be I will send with the key on my lap as I have been!
>

Hi Guys,

OK, as long as we're all laying our cards onto the table, here's the proverbial "...best laid plans of mice & men" for the event at my place:

---Transmitter: 3x227 MOPA;

---Receiver: 12-tube HB superhet + HB pre-selector;

---Transmitting Antenna: 240' long inverted "Vee" dipole fed with 300-ohm twinlead, apex at 50', for 80- and 40-meters, 3-element triangular phased array for 160-meters, and,

---Receiving Antenna: inverted "Vee" dipole, pair of K9AY loops, 1500' long Beverage.

I'll most likely be waylaid the first weekend on account of the ARRL 160-meter contest...

That's about it---all subject to change, of course!

Still haven't decided upon my use of either VE3CUI, or VE3XZ...whaddya think I should use? Any recommendations...?

~73~ de Eddy VE3CUI - VE3XZ

6616. [AWA Group] 27 Days !!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 15:06:25 UTC
From: Louis Vermond
Topic: 6596 Message: 6616
Attachments: 1 described; binary payloads are missing from this source WARC

Kelley Arial at VE3AWA

So there, Eddy...

6617. Re: [AWA Group] 27 Days !!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 15:25:06 UTC
From: Eddy Swynar
Topic: 6596 Message: 6617

Lou,

Don't you WISH...!!! ("Dream On Little Dreamer"...). : >)

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-04, at 10:06 AM, Louis Vermond wrote:

>
> Kelley Arial at VE3AWA
> <Ant UK Croped 600.jpg>
> So there, Eddy...
>
>

6618. Re: [AWA Group] 27 Days !!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 15:28:00 UTC
From: Louis Vermond
Topic: 6596 Message: 6618

Did I mention that is only the Rx Aerial?

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-11-04 10:25 AM
Subject: Re: [AWA Group] 27 Days !!

Lou,

Don't you WISH...!!! ("Dream On Little Dreamer"...). : >)

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-04, at 10:06 AM, Louis Vermond wrote:

Kelley Arial at VE3AWA
<Ant UK Croped 600.jpg>
So there, Eddy...

6619. Re: [AWA Group] 27 Days !!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 16:37:07 UTC
From: Jim Robson
Topic: 6596 Message: 6619

Lou, did we get enough material from Maple Leaf to make one of those next Saturday at VE3BHK? Jim.

On 04/11/12 10:28 AM, Louis Vermond wrote:
>
> Did I mention that is only the Rx Aerial?
>
> ----- Original Message -----
> *From:* Eddy Swynar <mailto:deswynar@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2012-11-04 10:25 AM
> *Subject:* Re: [AWA Group] 27 Days !!
>
> */Lou,/*
>
>
> Don't you /*WISH*...!!! ("Dream On Little Dreamer"...). / *: >)*
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>
>
>
>
>
> On 2012-11-04, at 10:06 AM, Louis Vermond wrote:
>
>>
>> Kelley Arial at VE3AWA
>> <Ant UK Croped 600.jpg>
>> So there, Eddy...
>>
>
>

6620. Re: [AWA Group] 27 Days !!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 15:35:55 UTC
From: Eddy Swynar
Topic: 6596 Message: 6620

Hi Lou,

"...TOUCHEE...!" Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-04, at 10:28 AM, Louis Vermond wrote:

>
> Did I mention that is only the Rx Aerial?
>
>
> ----- Original Message -----
> From: Eddy Swynar
> To: AWAGroup@yahoogroups.com
> Sent: 2012-11-04 10:25 AM
> Subject: Re: [AWA Group] 27 Days !!
>
>
> Lou,
>
>
> Don't you WISH...!!! ("Dream On Little Dreamer"...). : >)
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
>
>
>
> On 2012-11-04, at 10:06 AM, Louis Vermond wrote:
>
>>
>>
>> Kelley Arial at VE3AWA
>> <Ant UK Croped 600.jpg>
>> So there, Eddy...
>>
>
>
>
>

6621. Re: [AWA Group] 27 Days !!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 15:40:08 UTC
From: Louis Vermond
Topic: 6596 Message: 6621

Lou, did we get enough material from Maple Leaf to make one of those next Saturday at VE3BHK? Jim.

Sure, considering that you have those miles of insulated #14/7

6622. Re: [AWA Group] 27 Days !!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 15:41:10 UTC
From: Louis Vermond
Topic: 6596 Message: 6622

Humble maybe...

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-11-04 10:35 AM
Subject: Re: [AWA Group] 27 Days !!

Hi Lou,

"...TOUCHEE...!" Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-04, at 10:28 AM, Louis Vermond wrote:

Did I mention that is only the Rx Aerial?

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2012-11-04 10:25 AM
Subject: Re: [AWA Group] 27 Days !!

Lou,

Don't you WISH...!!! ("Dream On Little Dreamer"...). : >)

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-04, at 10:06 AM, Louis Vermond wrote:

Kelley Arial at VE3AWA
<Ant UK Croped 600.jpg>
So there, Eddy...

6623. A Real Find...! 1935/36 Comparison

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 16:39:22 UTC
From: Louis Vermond
Topic: 6623 Message: 6623
Attachments: 1 described; binary payloads are missing from this source WARC

The Lindsay reprint is the 1936 edition - which I might think would have same/similar info as 1935, as most handbook successions do year-to-year.

Photo of 1936 edition's lowest power rig.

Same as '35's?

6624. RE: [EXTERNAL EMAIL] :[AWA Group] CG1162 VT-14 fialment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 18:22:29 UTC
From: Bauman, John
Topic: 6596 Message: 6624

Lou,
The UV & UX tube base have the same distance btwn side pin and tip of btm pin, 1 1/4". The difference is the distance btwn side pin and base btm. In other words, the side pin is not in the same spot for the UV v UX base. As well the UV btm pin length is shorter.

Distance btwn UV side pin and base btm is ~11/16". UV btm pin length ~5/16"

John

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond [ldvermond@...]
Sent: Saturday, November 03, 2012 5:54 PM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :[AWA Group] CG1162 VT-14 fialment

John,

Now I need a good UV socket. Any one got one? What is the measurement from the base side pin to the tip of the btm pins pse?

Lou

.

6625. Re: [EXTERNAL EMAIL] :[AWA Group] CG1162 VT-14 fialment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 19:51:36 UTC
From: Louis Vermond
Topic: 6596 Message: 6625

Lou,
The UV & UX tube base have the same distance btwn side pin and tip of btm pin, 1 1/4".
The difference is the distance btwn side pin and base btm. In other words, the side pin is not in the same spot for the UV v UX base. As well the UV btm pin length is shorter.

Distance btwn UV side pin and base btm is ~11/16". UV btm pin length ~5/16"

John

Thank you, John. You've made me focus on this for the first time.

Distance btwn UV side pin and base btm is ~11/16". UV [UX] btm pin length ~5/16"

What I have just measured: UV side pin centre to base btm - 7/8" UX - 5/8"

Why the discrepancy please? Lou

6626. Re: [AWA Group] A Real Find...! 1935/36 Comparison

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 20:07:58 UTC
From: Eddy Swynar
Topic: 6623 Message: 6626
Attachments: 3 described; binary payloads are missing from this source WARC

On 2012-11-04, at 11:39 AM, Louis Vermond wrote:

>
>
>
> The Lindsay reprint is the 1936 edition – which I might think would have same/similar info as 1935, as most handbook successions do year-to-year.
>
> Photo of 1936 edition's lowest power rig.
>
> Same as '35's?
>
> <geo's Wedding.jpg>
>
>
>
>
>

Hi Lou,

Nothing like that in the first edition of 1935...

However, here are a few nuggets that might convince anyone to start being on the look-out for this treasure, i.e.:

ABOVE: "'47 OSCILLATOR AND 210 AMPLIFIER TRANSMITTER."

ABOVE: "SELF-EXCITED OSCILLATORS."

ABOVE: "THE PROPER TUBE TO USE IN A LOW-POWER AMPLIFIER."

Truly gems, one and all...!

~73~ de Eddy VE3CUI - VE3XZ

6627. Re: [AWA Group] A Real Find...! 1935/36 Comparison

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 20:39:43 UTC
From: Louis Vermond
Topic: 6623 Message: 6627

Tks Eddy. FB for sure. Prices are going to go bananas! 73, Lou

Oh yes, use VE3CUI/KP of course.

6628. Re: [AWA Group] A Real Find...! 1935/36 Comparison

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 20:45:22 UTC
From: N1BUG
Topic: 6623 Message: 6628

For what it's worth there are two used copies of The "Radio" Handbook, 1935 listed on Amazon. There is one 1936 edition also. They are beyond my budget, or I might try to grab one. Note: the fact they are listed does not actually guarantee they are still there. How do I know? Let's just say I've had quite the interesting adventure trying to get my paws on a copy of Tube Lore... it's a long story.

73,
Paul

6629. RE: [EXTERNAL EMAIL] :[AWA Group] CG1162 VT-14 fialment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 21:08:35 UTC
From: Bauman, John
Topic: 6596 Message: 6629

Why the discrepancy please? Lou

SAE v Imperial measure?... ;~)

6630. A Real Find---Cont.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 21:20:50 UTC
From: Eddy Swynar
Topic: 6630 Message: 6630

Hi Guys,

There are some nice re-prints of the SECOND edition of the Jones "west coast" HANDBOOK available here, AND for a decent price(s), too:

http://www.amazon.com/Radio-Handbook-1936-Frank-Jones/dp/1559182369/ref=sr_1_57?s=books&ie=UTF8&qid=1352063436&sr=1-57

But if you want the first edition, here's all I could dredge up:

http://www.amazon.com/1935-RADIO-HANDBOOK-Amateurs-Experimenters/dp/B003WD1A60/ref=sr_1_1?s=books&ie=UTF8&qid=1352063589&sr=1-1&keywords=radio+handbook+1935

It ain't cheap, by any stretch...must be MUCH better sources around than that...

I've found that the old "RADIO" books & magazines are a very nice adjunct to QST & the ARRL books from the time: there's some stuff in Jones' literature that you simply do NOT see in comparable League publications...

~73~ de Eddy VE3CUI - VE3XZ

6631. Re: [AWA Group] A Real Find---Cont.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 21:25:25 UTC
From: N1BUG
Topic: 6630 Message: 6631

But if you want the first edition, here's all I could dredge up:

http://www.amazon.com/1935-RADIO-HANDBOOK-Amateurs-Experimenters/dp/B003WD1A60/ref=sr_1_1?s=books&ie=UTF8&qid=1352063589&sr=1-1&keywords=radio+handbook+1935

Hmm. There were TWO of them just minutes ago. Maybe someone already snagged the one in better condition (and slightly cheaper) right after I mentioned them?

73,
Paul

6632. Re: [AWA Group] A Real Find...! 1935/36 Comparison REPRINT AVAILABLE 21 DOLLARS

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 21:09:01 UTC
From: P. MICHAEL MCGINNIS
Topic: 6623 Message: 6632

I don't remember where I got my new reprint of the 1936 ed (about a decade or so ago I think) but here is a link for one...

http://www.abebooks.com/RADIO-HANDBOOK-1936-EDITION-FRANK-JONES/6804228710/bd

P. Michael N6TYF

From: N1BUG <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Sun, November 4, 2012 12:45:43 PM
Subject: Re: [AWA Group] A Real Find...! 1935/36 Comparison

For what it's worth there are two used copies of The "Radio" Handbook, 1935 listed on Amazon. There is one 1936 edition also. They are beyond my budget, or I might try to grab one. Note: the fact they are listed does not actually guarantee they are still there. How do I know? Let's just say I've had quite the interesting adventure trying to get my paws on a copy of Tube Lore... it's a long story.

73,
Paul

6633. Re: [EXTERNAL EMAIL] :[AWA Group] CG1162 VT-14 fialment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 22:07:47 UTC
From: Louis Vermond
Topic: 6596 Message: 6633

SAE v Imperial measure?... ;~) Must be it....

John, please write directly at, Ldvermond@.... Lou

6634. Re: [AWA Group] Robert KG4KGL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 23:02:48 UTC
From: Robert S Jenkins
Topic: 6600 Message: 6634

Let's reSKED the QSO. We are having rain and lightning here in the south.

I am free the rest of the week nights

Robert
KG4KGL

On Nov 3, 2012, at 16:53, Louis Vermond <ldvermond@...> wrote:

>
>
> How about a SKED Sunday night? Lou
>
>
>

6635. Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 00:00:03 UTC
From: N1BUG
Topic: 6635 Message: 6635

Oh my! Little more than two hours ago I told Lou I was doing a parts inventory check to see whether either the second stage of my transmitter or a receiver would be a viable project for this season. Little did I know then...

If I stick to the "as published" design I have very nearly all the parts for the receiver! When did that happen? I don't even remember buying some of them, but here they are! Most have already been restored, too. Do I work on this stuff in my sleep? I had selected the simple two band (160-80m) beginner's receiver from November 1929 as a good first receiver project and mate for the TNT. Originally I had planned on trying to get it to work at 40m also. But that would obviously require interchangeable coils (prferably plug in) and to be honest I'm more than a little put off by that notion. It just makes the project seem a little too daunting to this beginner. 40m would be nice to have for the BK, but perhaps it's not worth turning a fun project into something intimidating.

The one thing I have yet to figure out is whether this will work well with my Beverage antennas and if not, what is the simplest modification to make it work. I am open to suggestions! As published, the receiver has the usual L-C tank between detector grid and cathode. The cathode tap on the coil goes to earth ground. The coil winding continues, unbroken, several more turns, at which point the random length wire antenna is to be connected. What that will look like to a Beverage, I'm not sure.

73,
Paul N1BUG

6636. Looking for...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 00:20:06 UTC
From: Louis Vermond
Topic: 6636 Message: 6636
Attachments: 2 described; binary payloads are missing from this source WARC

Gathering parts for that post-WW2 "Peanut Whistle" 1S4 QRP rig.

Anyone have available the 140 pfd. version?
Hammarlund.

100 pfd.

6637. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 00:28:22 UTC
From: Eddy Swynar
Topic: 6635 Message: 6637

On 2012-11-04, at 7:00 PM, N1BUG wrote:

> Oh my! Little more than two hours ago I told Lou I was doing a parts inventory check to see whether either the second stage of my transmitter or a receiver would be a viable project for this season. Little did I know then...
>
> If I stick to the "as published" design I have very nearly all the parts for the receiver! When did that happen? I don't even remember buying some of them, but here they are! Most have already been restored, too. Do I work on this stuff in my sleep? I had selected the simple two band (160-80m) beginner's receiver from November 1929 as a good first receiver project and mate for the TNT. Originally I had planned on trying to get it to work at 40m also. But that would obviously require interchangeable coils (prferably plug in) and to be honest I'm more than a little put off by that notion. It just makes the project seem a little too daunting to this beginner. 40m would be nice to have for the BK, but perhaps it's not worth turning a fun project into something intimidating.
>
> The one thing I have yet to figure out is whether this will work well with my Beverage antennas and if not, what is the simplest modification to make it work. I am open to suggestions! As published, the receiver has the usual L-C tank between detector grid and cathode. The cathode tap on the coil goes to earth ground. The coil winding continues, unbroken, several more turns, at which point the random length wire antenna is to be connected. What that will look like to a Beverage, I'm not sure.
>
>

Hi Paul,

I imagine that your regenerative receiver will work just fine on the Beverage...

Problems start when you hook-up these things to resonant antennas---doublets & the like---and the dreaded "signal suck-out" occurs. The darn rigs just will NOT regenerate when hooked-up to resonant antennas---unless maybe the coupling to same is made EXTREMELY loose...

~73~ de Eddy VE3CUI - VE3XZ

6638. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 00:29:09 UTC
From: Larry Szendrei
Topic: 6635 Message: 6638

On 11/4/12 7:00 PM, N1BUG wrote:
>
>
> The one thing I have yet to figure out is whether this will work well
> with my Beverage antennas and if not, what is the simplest
> modification to make it work. I am open to suggestions! As published,
> the receiver has the usual L-C tank between detector grid and cathode.
> Thecathode tap on the coilgoes to earth ground. The coil winding
> continues, unbroken, several more turns, at which point the random
> length wire antenna is to be connected. What that will look like to a
> Beverage, I'm not sure.
>
Should work, Paul, but you'll probably need to couple your antenna to
the coil with a very small, preferably adjustable, capacitance.If you
want to get picky, you can optimize the number of turns on the antenna
winding, but it will be different for 160 and 80 (tap for 80M?).

As has been mentioned here several times, minimal antenna coupling is
the name of the game with regens.

73,
-Larry/NE1S

6639. RE: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 00:35:12 UTC
From: Carl Nord
Topic: 6635 Message: 6639
Attachments: 2 described; binary payloads are missing from this source WARC

Paul,

Is that the two tube rcvr that was on the cover. I think it was called the "Beginners rcvr") 1700 and 3500 mcs. Uses one large coil in the left rear with a tap using an alligator clip to change bands?

I built that about 5 years ago and it is not a bad little performer

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Sunday, November 04, 2012 7:00 PM
To: AWAGroup
Subject: [AWA Group] Receiver

Oh my! Little more than two hours ago I told Lou I was doing a parts inventory check to see whether either the second stage of my transmitter or a receiver would be a viable project for this season. Little did I know then...

If I stick to the "as published" design I have very nearly all the parts for the receiver! When did that happen? I don't even remember buying some of them, but here they are! Most have already been restored, too. Do I work on this stuff in my sleep? I had selected the simple two band (160-80m) beginner's receiver from November 1929 as a good first receiver project and mate for the TNT. Originally I had planned on trying to get it to work at 40m also. But that would obviously require interchangeable coils (prferably plug in) and to be honest I'm more than a little put off by that notion. It just makes the project seem a little too daunting to this beginner. 40m would be nice to have for the BK, but perhaps it's not worth turning a fun project into something intimidating.

The one thing I have yet to figure out is whether this will work well with my Beverage antennas and if not, what is the simplest modification to make it work. I am open to suggestions! As published, the receiver has the usual L-C tank between detector grid and cathode. The cathode tap on the coil goes to earth ground. The coil winding continues, unbroken, several more turns, at which point the random length wire antenna is to be connected. What that will look like to a Beverage, I'm not sure.

73,
Paul N1BUG

6640. Re: [AWA Group] A Real Find---Cont.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 23:05:00 UTC
From: P. MICHAEL MCGINNIS
Topic: 6630 Message: 6640

With patience, I have acquired a complete set from 1st through 21st edition that I collected over the years (since the eighties) at flea markets; ham swaps and more recently Amazon and eBay. I typically pay $10 to $25 and I have never paid more than $45 dollars for any one book and they do show up frequently on eBay. The exception is the first 10 editions of the ARRL (east coast?) handbook. They don't show up that often but when they do they are going for more than $100. Must be a collector thing I suspect because of the small amount of those editions printed in the 1920's. That's why I don't have very many ARRL editions below 1932.

P. Michael N6TYF

From: N1BUG <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Sun, November 4, 2012 1:25:46 PM
Subject: Re: [AWA Group] A Real Find---Cont.

But if you want the first edition, here's all I could dredge up:

>
>http://www.amazon.com/1935-RADIO-HANDBOOK-Amateurs-Experimenters/dp/B003WD1A60/ref=sr_1_1?s=books&ie=UTF8&qid=1352063589&sr=1-1&keywords=radio+handbook+1935
>
>
>
>
Hmm. There were TWO of them just minutes ago. Maybe someone already snagged the one in better condition (and slightly cheaper) right after I mentioned them?

73,
Paul

6641. Re: [AWA Group] A Real Find---Cont.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-04 23:00:41 UTC
From: Robert S Jenkins
Topic: 6630 Message: 6641

I have a question regarding this book. I just bought from eBay a copy of "A Course in Radio Fundamentals", from the ARRL. It is copyrighted, 1948. It

Would the 1935/36 edition be new enough for this study guide?

Tnx,

Robert
KG4KGL

On Nov 4, 2012, at 16:25, N1BUG <paul@...> wrote:

>
>
> But if you want the first edition, here's all I could dredge up:
>>
>>
>> http://www.amazon.com/1935-RADIO-HANDBOOK-Amateurs-Experimenters/dp/B003WD1A60/ref=sr_1_1?s=books&ie=UTF8&qid=1352063589&sr=1-1&keywords=radio+handbook+1935
>
> Hmm. There were TWO of them just minutes ago. Maybe someone already snagged the one in better condition (and slightly cheaper) right after I mentioned them?
>

6642. Re: [AWA Group] Robert KG4KGL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 00:53:31 UTC
From: Louis Vermond
Topic: 6600 Message: 6642

Hello Robert,

Any night except Tuesday is OK here. You name time and 80 mtr freq pse. OK? Lou

----- Original Message -----
From: Robert S Jenkins
To: AWAGroup@yahoogroups.com
Sent: 2012-11-04 6:02 PM
Subject: Re: [AWA Group] Robert KG4KGL

Let's reSKED the QSO. We are having rain and lightning here in the south.

I am free the rest of the week nights

Robert
KG4KGL

On Nov 3, 2012, at 16:53, Louis Vermond <ldvermond@...> wrote:

How about a SKED Sunday night? Lou

6643. Re: [AWA Group] Looking for...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 01:05:47 UTC
From: ve7sl@shaw.ca
Topic: 6636 Message: 6643

...a couple more turns on your tank and that 100 should be just peachy Lou.

>Gathering parts for that post-WW2 "Peanut Whistle" 1S4 QRP rig.

>Anyone have available the 140 pfd. version?
>Hammarlund.

>100 pfd.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6644. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 01:06:26 UTC
From: N1BUG
Topic: 6635 Message: 6644

On 11/04/2012 07:28 PM, Eddy Swynar wrote:

Hi Paul,

I imagine that your regenerative receiver will work just fine on the Beverage...

Problems start when you hook-up these things to resonant antennas---doublets & the like---and the dreaded "signal suck-out" occurs. The darn rigs just will NOT regenerate when hooked-up to resonant antennas---unless maybe the coupling to same is made EXTREMELY loose...

Hi Eddy,

I understand about the suck-out problem with resonant antennas. Resonant antennas (dipole, vertical) are pretty much useless on receive here. If it weren't for the trusty Beverages, I'd be hearin' nuthin' but noise! Which is why I need the receiver to work with them.

73,
Paul

6645. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 01:09:46 UTC
From: N1BUG
Topic: 6635 Message: 6645

On 11/04/2012 07:29 PM, Larry Szendrei wrote:

Should work, Paul, but you'll probably need to couple your antenna to the coil with a very small, preferably adjustable, capacitance. If you want to get picky, you can optimize the number of turns on the antenna winding, but it will be different for 160 and 80 (tap for 80M?).

As has been mentioned here several times, minimal antenna coupling is the name of the game with regens.

Thanks Larry.

I guess the plan will be build it as published and then experiment with light coupling of the Beverages. I've got a few period correct small value variable condensers in the stash.

73,
Paul

6646. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 01:11:54 UTC
From: N1BUG
Topic: 6635 Message: 6646

On 11/04/2012 07:35 PM, Carl Nord wrote:

Paul,

Is that the two tube rcvr that was on the cover. I think it was called the “Beginners rcvr”) 1700 and 3500 mcs. Uses one large coil in the left rear with a tap using an alligator clip to change bands?

I built that about 5 years ago and it is not a bad little performer

Hi Carl,

Yes, that is the one. Thanks for the info. I have built several transmitters and many an amplifier, but this will be my first receiver project of any kind. I'm looking forward to playing with it.

73,
Paul

6647. RE: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 02:34:30 UTC
From: Carl Nord
Topic: 6635 Message: 6647
Attachments: 4 described; binary payloads are missing from this source WARC

Here is my version. Even the dust is original!

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Sunday, November 04, 2012 8:12 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Receiver

On 11/04/2012 07:35 PM, Carl Nord wrote:

Paul,

Is that the two tube rcvr that was on the cover. I think it was called the "Beginners rcvr") 1700 and 3500 mcs. Uses one large coil in the left rear with a tap using an alligator clip to change bands?

I built that about 5 years ago and it is not a bad little performer

Hi Carl,

Yes, that is the one. Thanks for the info. I have built several transmitters and many an amplifier, but this will be my first receiver project of any kind. I'm looking forward to playing with it.

73,
Paul

6648. Re: [AWA Group] Looking for...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 03:08:52 UTC
From: Louis Vermond
Topic: 6636 Message: 6648
Attachments: 1 described; binary payloads are missing from this source WARC

...a couple more turns on your tank and that 100 should be just peachy [peachy?]

Tks Steve, but...

I'm using this Eddystone "former"
and the winding area requires that 140 pfd tank cap.

6649. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 03:33:05 UTC
From: Louis Vermond
Topic: 6635 Message: 6649
Attachments: 1 described; binary payloads are missing from this source WARC

Bugsy,

You gota use a Band Spread cap!

Sigh...

6650. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 10:51:01 UTC
From: Larry Szendrei
Topic: 6635 Message: 6650

Beautiful work, Carl.

-'1S

6651. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 15:51:57 UTC
From: N1BUG
Topic: 6635 Message: 6651
Attachments: 1 described; binary payloads are missing from this source WARC

On 11/04/2012 09:34 PM, Carl Nord wrote:

Here is my version. Even the dust is original!

Ha! Thanks for the picture Carl. Always nice to see what others have built! Sorry Lou, I shameless stole (uh... borrowed) your small version of Carl's pic.

Questions:
Is that a vernier dial on the receiver?
How is the tuning rate? Do you find it comfortable to tune stations?
How much hand capacity affect is there? Does it move off the station when you pull your hand away?

I would be interested in any comments in those areas. Looks like this is my next project and if I'm going to make any changes now is the time to figure out what.

73,
Paul N1BUG

6652. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 15:52:06 UTC
From: N1BUG
Topic: 6635 Message: 6652

On 11/04/2012 10:33 PM, Louis Vermond wrote:

Bugsy,

You gota use a Band Spread cap!

Lou, you don't want to even get me started down that road again! ;-)

I did the math on the tuning rate when I first selected this project almost 2 years ago. Having discovered it would be about 2 kHz per degree of rotation on 80 meters... with a 5:1 vernier... I decided band spread would be highly desirable. Then I got into an endless loop trying to decide how to implement it.

Would I use two 4" verniers side by side, one for main and one for band spread?
Or one big one for main and a small knob for band spread of a few kc.?
Or the other way around?
Perhaps just using a 20:1 vernier on the main would be good enough?
(but I don't care for the style of the 20:1 verniers)
Would I try to get fancy with the tuning rate / dial calibration?

It was about that point I did some more math and decided I might get close to being able to calibrate a vernier at 1 kHz per tic mark if I used a particular SLF band spread condenser. Then I came to my senses ??? and realized I had never seen a '20s receiver with a more or less calibrated dial, therefore doing so would most likely violate my prime directive... and that anyway this whole thing was getting too complicated (probably why they didn't do it back then, eh?)

Then I looped all the way back to the beginning, wondering if a band spread was even necessary.

[sigh]

It still seems like a good idea, though...

73,
Bugsy

6653. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 16:01:44 UTC
From: Roger Kuchera
Topic: 6635 Message: 6653
Attachments: 1 described; binary payloads are missing from this source WARC

Good, vintage dust is so hard to find! :) :)

Roger.

--- On Mon, 11/5/12, N1BUG <paul@...> wrote:

From: N1BUG <paul@...>
Subject: Re: [AWA Group] Receiver
To: AWAGroup@yahoogroups.com
Date: Monday, November 5, 2012, 10:51 AM

On 11/04/2012 09:34 PM, Carl Nord wrote:

Here is my version. Even the dust is original!

Ha! Thanks for the picture Carl. Always nice to see what others have built! Sorry Lou, I shameless stole (uh... borrowed) your small version of Carl's pic.

Questions:
Is that a vernier dial on the receiver?
How is the tuning rate? Do you find it comfortable to tune stations?
How much hand capacity affect is there? Does it move off the station when you pull your hand away?

I would be interested in any comments in those areas. Looks like this is my next project and if I'm going to make any changes now is the time to figure out what.

73,
Paul N1BUG

6654. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 16:10:13 UTC
From: Eddy Swynar
Topic: 6635 Message: 6654

Hi Paul,

I totally agree with Lou: you HAVE to have a bandspread cap...!!!

In my regen I put a VERY small air variable in parallel with the main tuning cap, and employed an old GRS vernier dial to slow down its tuning. Even with my superhet, I added a small variable bandspread capacitor, & placed a vernier knob in front of it...

Without such necessities you will curse the day you ever built the thing, as you attempt to ham-handedly hone-in on a signal with just a coarse-tuning dial / capacitor...

~73~ de Eddy VE3CUI - VE3XZ

PS: I hope you plan to NOT use a regen receiver in conjunction with a 1929 style transmitter together in the BK affair---at least not for your very first foray into the QSO Party. The frustration will surely mount, & any & all fun to be derived from participating will dissipate in short order. My recommendation would be to start out using a more modern receiver---leave the regen stuff for later events, when you've become acclimatized to the activity (my $0.02 worth, FWIW!).

On 2012-11-05, at 10:52 AM, N1BUG wrote:

> On 11/04/2012 10:33 PM, Louis Vermond wrote:
>> Bugsy,
>>
>> You gota use a Band Spread cap!
>
> Lou, you don't want to even get me started down that road again! ;-)
>
> I did the math on the tuning rate when I first selected this project almost 2 years ago. Having discovered it would be about 2 kHz per degree of rotation on 80 meters... with a 5:1 vernier... I decided band spread would be highly desirable. Then I got into an endless loop trying to decide how to implement it.
>
> Would I use two 4" verniers side by side, one for main and one for band spread?
> Or one big one for main and a small knob for band spread of a few kc.?
> Or the other way around?
> Perhaps just using a 20:1 vernier on the main would be good enough?
> (but I don't care for the style of the 20:1 verniers)
> Would I try to get fancy with the tuning rate / dial calibration?
>
> It was about that point I did some more math and decided I might get close to being able to calibrate a vernier at 1 kHz per tic mark if I used a particular SLF band spread condenser. Then I came to my senses ??? and realized I had never seen a '20s receiver with a more or less calibrated dial, therefore doing so would most likely violate my prime directive... and that anyway this whole thing was getting too complicated (probably why they didn't do it back then, eh?)

>
> Then I looped all the way back to the beginning, wondering if a band spread was even necessary.
>
> [sigh]
>
> It still seems like a good idea, though...
>
> 73,
> Bugsy
>
>
>
>
>

6655. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 16:19:58 UTC
From: ve7sl@shaw.ca
Topic: 6635 Message: 6655

test

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6656. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 16:22:03 UTC
From: ve7sl@shaw.ca
Topic: 6635 Message: 6656

I'm not sure why but about a half dozen of the past 'Receiver' subject mails have been 'spam trapped' in the Group's mail system and have had to be manually 'released'...mine came through OK so I gather it is not the subject header that the trap dislikes.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6657. Paul's Receiver Project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 16:38:10 UTC
From: Louis Vermond
Topic: 6657 Message: 6657
Attachments: 1 described; binary payloads are missing from this source WARC

What is the QST month & yr for this rx pse? Lou

6658. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 16:51:03 UTC
From: Niel - W0VLZ
Topic: 6635 Message: 6658

I built up a 1928 style "one step" regen a while back. Take a look at http://www.prismnet.com/~nielw/onestep/onestep.htm . It seemed to be a very usable radio for 80 CW. Now I need to clear off operating table space so I can actually use it on the air.

Niel - W0VLZ

Carl Nord wrote:
>
> Paul,
>
> Is that the two tube rcvr that was on the cover. I think it was called
> the ?Beginners rcvr?) 1700 and 3500 mcs. Uses one large coil in the
> left rear with a tap using an alligator clip to change bands?
>
> I built that about 5 years ago and it is not a bad little performer
>
> Carl Nord
>
> WA1KPD
>
>

6659. Re: [AWA Group] Paul's Receiver Project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 17:35:02 UTC
From: N1BUG
Topic: 6657 Message: 6659

What is the QST month & yr for this rx pse?

November, 1929 (pg. 27)

Paul

6660. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 17:41:19 UTC
From: N1BUG
Topic: 6635 Message: 6660

PS: I hope you plan to NOT use a regen receiver in conjunction with a 1929 style transmitter together in the BK affair---at least not for your very first foray into the QSO Party.

Hi Eddy,

My plan is to use my main station receiver (modern) during this year's BK, even if the regen is finished by then -- which is probably a stretch. How much I use it at all, and whether I use it in future QSO Parties, depends on experience with the unit. It has been a long time since I used any regen... a Knight Space Spanner, which I wish I had today.

73,
Paul

6661. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 17:46:21 UTC
From: Carl Nord WA1KPD
Topic: 6635 Message: 6661

I built a similar one from the 29 handbook. Coolest part was the scramble wound RF choke on a piece of dowel.

I noticed the same thing you did, changing freq quickly required a change in regen. A change in regen also shifted freq. So it was a blast to find the sweet spot for both

----- Original Message -----
From: Niel - W0VLZ <w0vlz@...>
To: AWAGroup@yahoogroups.com
Sent: Mon, 05 Nov 2012 16:51:03 -0000 (UTC)
Subject: Re: [AWA Group] Receiver

I built up a 1928 style "one step" regen a while back. Take a look at http://www.prismnet.com/~nielw/onestep/onestep.htm . It seemed to be a very usable radio for 80 CW. Now I need to clear off operating table space so I can actually use it on the air.

Niel - W0VLZ

Carl Nord wrote:
>
> Paul,
>
> Is that the two tube rcvr that was on the cover. I think it was called
> the “Beginners rcvr”) 1700 and 3500 mcs. Uses one large coil in the
> left rear with a tap using an alligator clip to change bands?
>
> I built that about 5 years ago and it is not a bad little performer
>
> Carl Nord
>
> WA1KPD
>
>

Yahoo! Groups Links

6662. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 17:41:02 UTC
From: Carl Nord WA1KPD
Topic: 6635 Message: 6662

Hi Paul

>Is that a vernier dial on the receiver?

No, just a big knob

> How is the tuning rate? Do you find it comfortable to tune stations?

It is fine, it is a rather small cap as I recall so you are not going to zip by anyone

> How much hand capacity affect is there? Does it move off the station when you pull your hand away?

I have not used it for several yeas but as I recall it was not a problem. However I also recall that the article was very specificon how to set up the variable cap. I think they set it up so the frame acts as shield. Also notice how the coil is way in the back..

I had problems with it oscillating on one band and I read somewhere that a small cap across the audio xfrmr would help and it did. If you have the same problem let me know and I will look at what I did.

----- Original Message -----
From: N1BUG <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Mon, 05 Nov 2012 15:51:57 -0000 (UTC)
Subject: Re: [AWA Group] Receiver

On 11/04/2012 09:34 PM, Carl Nord wrote:
Here
is my version. Even the dust is original!

Ha! Thanks for the picture Carl. Always nice to see what others have
built! Sorry Lou, I shameless stole (uh... borrowed) your small
version of Carl's pic.

Questions:

Is that a vernier dial on the receiver?

How is the tuning rate? Do you find it comfortable to tune stations?

How much hand capacity affect is there? Does it move off the station
when you pull your hand away?

I would be interested in any comments in those areas. Looks like
this is my next project and if I'm going to make any changes now is
the time to figure out what.

73,

Paul N1BUG

6663. RE: [EXTERNAL EMAIL] :Re: [AWA Group] Paul's Receiver Project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 20:01:06 UTC
From: Bauman, John
Topic: 6657 Message: 6663

OK, I'll chime in too.

I built this same regen about 7-8 years ago. You can see it in the photo albums here under John_kb7nrn/1929 QST regen.

Tho I decided to soup it up a bit.
Added a front panel with vernier drive. A switch to pad the variable cap for extended range. After trying the tapped coil I chucked it and installed a five pin socket for plug in coil.

There was a little hand capacity but easy to deal with on 160 mtrs.

For grins I married it to a '50s Morrow 5 band converter. Man the 'ol regen worked great as an IF. Up to 20 mtrs it worked pretty good but 10 mtrs it was a bit deaf.

John
KB7NRN

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Monday, November 05, 2012 9:35 AM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :Re: [AWA Group] Paul's Receiver Project

What is the QST month & yr for this rx pse?

November, 1929 (pg. 27)

Paul

6664. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 20:05:15 UTC
From: Roger Kuchera
Topic: 6635 Message: 6664

Your are QRK 5 in CT.

CUL, Roger/K1TG

--- On Mon, 11/5/12, ve7sl@... <ve7sl@...> wrote:

> From: ve7sl@... <ve7sl@...>
> Subject: Re: [AWA Group] Receiver
> To: AWAGroup@yahoogroups.com
> Date: Monday, November 5, 2012, 11:19 AM
> test
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   AWAGroup-fullfeatured@yahoogroups.com
>
>

6665. Paul's Receiver Project/QST

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-05 20:56:11 UTC
From: Louis Vermond
Topic: 6665 Message: 6665
Attachments: 1 described; binary payloads are missing from this source WARC

Paul,

Tks for the QST date. Do you have that issue? If not, what is your referance? Lou

Expectation Raiser

6666. Re: [AWA Group] Robert KG4KGL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-06 00:52:33 UTC
From: Robert S Jenkins
Topic: 6600 Message: 6666

Louis,

I am on 3560kc

Robert
KG4KGL

On Nov 4, 2012, at 19:53, Louis Vermond <ldvermond@...> wrote:

>
>
> Hello Robert,
>
> Any night except Tuesday is OK here. You name time and 80 mtr freq pse. OK? Lou
>
>
>
> ----- Original Message -----
> From: Robert S Jenkins
> To: AWAGroup@yahoogroups.com
> Sent: 2012-11-04 6:02 PM
> Subject: Re: [AWA Group] Robert KG4KGL
>
> Let's reSKED the QSO. We are having rain and lightning here in the south.
>
> I am free the rest of the week nights
>
> Robert
> KG4KGL
>
> On Nov 3, 2012, at 16:53, Louis Vermond <ldvermond@sympatico.ca> wrote:
>
>> How about a SKED Sunday night? Lou
>
>
>

6667. GM Bugsy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-06 03:59:00 UTC
From: Louis Vermond
Topic: 6667 Message: 6667
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

6668. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-06 11:59:01 UTC
From: N1BUG
Topic: 6635 Message: 6668

Thanks Niel. A very interesting read and a great looking receiver!

73,
Paul N1BUG

On 11/05/2012 11:51 AM, Niel - W0VLZ wrote:

I built up a 1928 style "one step" regen a while back. Take a look at http://www.prismnet.com/~nielw/onestep/onestep.htm . It seemed to be a very usable radio for 80 CW. Now I need to clear off operating table space so I can actually use it on the air.

Niel - W0VLZ

6669. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-06 12:02:50 UTC
From: N1BUG
Topic: 6635 Message: 6669

Hi Carl,

Thanks for answering my questions. Much appreciated!

I will get started on the receiver right after I finish this week's mini-project.

73,
Paul N1BUG

On 11/05/2012 12:41 PM, Carl Nord WA1KPD wrote:

Hi Paul

>Is that a vernier dial on the receiver?

No, just a big knob

> How is the tuning rate? Do you find it comfortable to tune stations?

It is fine, it is a rather small cap as I recall so you are not going to zip by anyone

> How much hand capacity affect is there? Does it move off the station when you pull your hand away?

I have not used it for several yeas but as I recall it was not a problem. However I also recall that the article was very specificon how to set up the variable cap. I think they set it up so the frame acts as shield. Also notice how the coil is way in the back..

I had problems with it oscillating on one band and I read somewhere that a small cap across the audio xfrmr would help and it did. If you have the same problem let me know and I will look at what I did.

6670. Re: [EXTERNAL EMAIL] :Re: [AWA Group] Paul's Receiver Project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-06 12:13:25 UTC
From: N1BUG
Topic: 6657 Message: 6670

Thanks John.

Another great looking receiver! I hope I can come close, but that's a tough act to follow.

OK, I've made my decision. To my thinking it's something of a minimalist receiver for 1929, just as the TNT might be thought of as a minimalist transmitter. I'm going to build it more or less like the original, though a few parts will necessarily be different. It will be a good learning experience and I will find out things such as whether I'm comfortable with a tuning rate in that ball park or not. I will leave space for some sort of small add-on "fine tuning" control if it really annoys me. :)

73,
Paul N1BUG

On 11/05/2012 03:01 PM, Bauman, John wrote:

OK, I'll chime in too.

I built this same regen about 7-8 years ago. You can see it in the photo albums

here under John_kb7nrn/1929 QST regen.

Tho I decided to soup it up a bit.

Added a front panel with vernier drive. A switch to pad the variable cap for

extended range. After trying the tapped coil I chucked it and installed a five

pin socket for plug in coil.

There was a little hand capacity but easy to deal with on 160 mtrs.

For grins I married it to a '50s Morrow 5 band converter. Man the 'ol regen

worked great as an IF. Up to 20 mtrs it worked pretty good but 10 mtrs it was

a bit deaf.

John

KB7NRN

6671. Re: [AWA Group] GM Bugsy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-06 12:21:28 UTC
From: N1BUG
Topic: 6667 Message: 6671
Attachments: 1 described; binary payloads are missing from this source WARC

TNX Lou! Is that a picture of the original? Sure looks like the one in the QST article. Yes, BTW, I do have that issue. I have a complete, bound set of 1929 QST.

Bugsy

6672. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-06 14:23:44 UTC
From: P. MICHAEL MCGINNIS
Topic: 6635 Message: 6672

I like the front panel black paint finish technique. It looks different than wrinkle - sort of "excess spray overlay". Looks like a brass front panel looking at it from the rear? Very nice.

P. Michael N6TYF

From: N1BUG <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Tue, November 6, 2012 4:00:57 AM
Subject: Re: [AWA Group] Receiver

Thanks Niel. A very interesting read and a great looking receiver!

73,
Paul N1BUG

On 11/05/2012 11:51 AM, Niel - W0VLZ wrote:

I built up a 1928 style "one step" regen a while back. Take a look at http://www.prismnet.com/~nielw/onestep/onestep.htm . It seemed to be a very usable radio for 80 CW. Now I need to clear off operating table space so I can actually use it on the air. Niel - W0VLZ

6673. Re: [AWA Group] GM Bugsy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-06 16:47:03 UTC
From: Louis Vermond
Topic: 6667 Message: 6673
Attachments: 1 described; binary payloads are missing from this source WARC

Is that a picture of the original?

Yes it is, Paul. The first edition (1930) of How to Become a Radio Amateur features it and the original version TNT.

Below is the second photo from the How to... article. I'll send you both photos in hi-rez for closer study.

73, Lou

6674. Robert KG4KGL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-06 16:50:22 UTC
From: Louis Vermond
Topic: 6600 Message: 6674

Robert,

Please write to me directly at: Ldvermond@...

73, Lou

6675. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-06 23:03:23 UTC
From: Don
Topic: 6635 Message: 6675

I dont know why the hesitation to use a regen . I use mine a twinplex style all the time on 80M. Some of you have worked me when i was using it. it is FAR more sensitive then any of the commercial units. I run it with a 12 turn 12 inch loop sitting in my front window. I built a small low power hand held osc so I can spot the receiver with a the crystal of choice then plug it in the rig and bang away. As tricky as they are regens are extremely sensitive. I wouldnt try running any of my commercial recvrs on a window loop. They would be darn near deaf.
Don

6676. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-07 00:18:45 UTC
From: KG4KGL
Topic: 6635 Message: 6676

Don,

Do you have picture of the loop in the window? I am building a VT regen, but with a 1T4 and a 3V4. A low power radio, B+ is only 45v.

Tnx,

Robert
KG4KGL

73

On Nov 6, 2012, at 18:03, "Don" <dulmagedon@...> wrote:

> I dont know why the hesitation to use a regen . I use mine a twinplex style all the time on 80M. Some of you have worked me when i was using it. it is FAR more sensitive then any of the commercial units. I run it with a 12 turn 12 inch loop sitting in my front window. I built a small low power hand held osc so I can spot the receiver with a the crystal of choice then plug it in the rig and bang away. As tricky as they are regens are extremely sensitive. I wouldnt try running any of my commercial recvrs on a window loop. They would be darn near deaf.
> Don
>
>

6677. Re: [AWA Group] Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-07 01:37:47 UTC
From: Don
Topic: 6635 Message: 6677

--- In AWAGroup@yahoogroups.com, KG4KGL <kg4kgl@...> wrote:
>
> Don,
>
> Do you have picture of the loop in the window? I am building a VT regen, but with a 1T4 and a 3V4. A low power radio, B+ is only 45v.
>
> Tnx,
>
> Robert
> KG4KGL
>
> 73
>
> On Nov 6, 2012, at 18:03, "Don" <dulmagedon@...> wrote:
>
> > I dont know why the hesitation to use a regen . I use mine a twinplex style all the time on 80M. Some of you have worked me when i was using it. it is FAR more sensitive then any of the commercial units. I run it with a 12 turn 12 inch loop sitting in my front window. I built a small low power hand held osc so I can spot the receiver with a the crystal of choice then plug it in the rig and bang away. As tricky as they are regens are extremely sensitive. I wouldnt try running any of my commercial recvrs on a window loop. They would be darn near deaf.
> > Don
Here you go. http://groups.yahoo.com/group/AWAGroup/photos/album/1093705354/pic/list
45 to 48 volts works pretty well. Remember a regen is nothing more than an oscillator with too little plate voltage to osc controled by a pot and a set of headphoens in the B circuit which vary with the load. Any regen becomes a transmitter as soon as the headphones and regen pot are bypassed. Have there regen transcievers . Two do just that. one is a POW radio built from junk I and my friends found. Search You Tube "POW radio the build." At 48 volts it regens and at 90 volts it transmits.
> >
> >
>

6678. 1930 "How to Become..." vs reprint?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-07 13:16:55 UTC
From: N1BUG
Topic: 6667 Message: 6678

Lou said:
The first edition (1930) of How to Become a Radio Amateur features it and the original version TNT.

From what I gather, that first edition was reprinted in 1989. Has anyone had opportunity to compare the original to the reprint? I'm wondering if there is any difference (photo quality?) between the two. I'm just asking as a point of interest, should I ever stumble across one.

Paul

6679. Radio Handbook editions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-07 16:53:20 UTC
From: john_kb7nrn
Topic: 6679 Message: 6679

For those who care to see all 23 editions of the west coast "Radio Handbook" here ya go.
http://personales.ya.com/old-timers/radio-hbk/rh-eds.htm

Too bad they weren't scanned.

John
KB7NRN

6680. Re: [AWA Group] Radio Handbook editions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-07 19:30:53 UTC
From: Eddy Swynar
Topic: 6679 Message: 6680

On 2012-11-07, at 11:53 AM, john_kb7nrn wrote:

> For those who care to see all 23 editions of the west coast "Radio Handbook" here ya go.
> http://personales.ya.com/old-timers/radio-hbk/rh-eds.htm
>
> Too bad they weren't scanned.
>
> John
> KB7NRN

Hi John,

They are all EXCELLENT additions to anyone's radio library...

QST and the League books are great, no doubt about it, but these "west coast" HANDBOOKS go into detail on some things that aren't even mentioned by the ARRL.

Of course, the reverse holds true, too.

The point is, of course, that you can NEVER know enough about something that you might be avidly researching---the more sources of info, the better!

~73~ de Eddy VE3CUI - VE3XZ

>

6681. Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-07 20:40:26 UTC
From: Eddy Swynar
Topic: 6681 Message: 6681

Hi Guys,

I just received my newest copy of THE AWA JOURNAL here, & did I actually read what I think I read, correctly...?

There is serious consideration being given to moving the "traditional" dates of the 1929 QSO Party into the January timeframe sometime in the future, all because the XYL of one participant considers the event to be an intrusion into familial Christmas festivities...?!

Yikes...!!!

~73~ de Eddy VE3CUI - VE3XZ

6682. Re: [AWA Group] Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-07 20:53:54 UTC
From: ve7sl@shaw.ca
Topic: 6681 Message: 6682

That works for me...then I can go in the ARRL 160....have even been considering that this year and just hit the B-K on weekend #2.

Steve

Hi Guys,

I just received my newest copy of THE AWA JOURNAL here, & did I actually read what I think I read, correctly...?

There is serious consideration being given to moving the "traditional" dates of the 1929 QSO Party into the January timeframe sometime in the future, all because the XYL of one participant considers the event to be an intrusion into familial Christmas festivities...?!

Yikes...!!!

~73~ de Eddy VE3CUI - VE3XZ

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6683. Re: [AWA Group] Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-07 21:09:51 UTC
From: Louis Vermond
Topic: 6681 Message: 6683

Would be great if just one person could affect changes more helpful to the majority. Say, 10 watts out? Lou

6684. Looking for...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 15:48:47 UTC
From: N1BUG
Topic: 6636 Message: 6684
Attachments: 1 described; binary payloads are missing from this source WARC

Would anyone have a baseboard mounting holder for this? It is 1-15/16" long and 17/32" diameter.

Sorry about the rotten photo

Paul

6685. UP-1626 filter reactor ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 15:55:09 UTC
From: N1BUG
Topic: 6685 Message: 6685

Does anyone know the inductance of subject RCA (made by GE) reactor from early 1920s period? It is not marked on the unit and is not mentioned in any of the period ads that I can find.

73,
Paul N1BUG

6686. Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 16:39:47 UTC
From: Eddy Swynar
Topic: 6681 Message: 6686

On 2012-11-07, at 3:40 PM, Eddy Swynar wrote:

> Hi Guys,
>
> I just received my newest copy of THE AWA JOURNAL here, & did I actually read what I think I read, correctly...?
>
> There is serious consideration being given to moving the "traditional" dates of the 1929 QSO Party into the January timeframe sometime in the future, all because the XYL of one participant considers the event to be an intrusion into familial Christmas festivities...?!
>
> Yikes...!!!
>
> ~73~ de Eddy VE3CUI - VE3XZ

Hi Again Everyone,

Here's a brief synopsis of the mainstream contest schedule for January 2013:

---January 1...ARRL "Straight Key Night" (CW);

---January 5 - 6...ARRL "RTTY Roundup";

---January 12 - 13...."North American QSO Party" (CW), and,

---January 25 - 27..."CQ WW 160-Meter Contest" (CW).

Gee, I wonder what that original complaining XYL might be willing to recommend as two viable alternative weekends to the existing schedule, in light of all this conflicting competition on the bands...? : >)

~73~ de Eddy VE3CUI - VE3XZ

6687. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 17:17:25 UTC
From: N1BUG
Topic: 6681 Message: 6687

On 11/09/2012 11:39 AM, Eddy Swynar wrote:

Gee, I wonder what that original complaining XYL might be willing to recommend as two viable alternative weekends to the existing schedule, in light of all this conflicting competition on the bands...? : >)

That's the problem. There are so many contests these days, it is virtually impossible to find winter weekends free of them. Personally, I like the idea of eliminating conflict with ARRL 160, but finding alternate weekends could be difficult. For what it's worth I really liked Lou's idea of a higher power level, although I can think of some valid rationale for the current power restrictions, too. Ah, well... I guess you can't please everyone. ;-)

73,
Paul N1BUG

6688. Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 19:09:01 UTC
From: Eddy Swynar
Topic: 6681 Message: 6688

Hi Paul,

I think one of the major reasons that Bruce Kelley originally limited the activity to 10-watts input was so that the "foot print" of all our activity during two weeks wouldn't be too, TOO severe upon the routine of the band...

After all, let's face it: many participants ALREADY draw enough unwanted attention to themselves from OOs with their chirping / yooping / wobbulating / buzzing / yodeling / drifty signals at this power level: can you imagine if they were to make QSOs with a pair of p-p 211s, running with a KW+ on the plates...?! Besides, many signals in 1929 were generated by the likes of 245s, 227s, 201As, 210s, etc., anyway---so why not stick to that "vox populaire"...? High power reflecting such signals would doubtlessly cast a bad image of antique radio---and the AWA itself---in the minds of many casual people on the band in this modern "enlightened" age...

In truth, the low power has not really proven to be all that much of a handicap in making QSOs across the continent, anyway: Steve out in BC has made believers of MORE than a few of us in the past coupla years in that regard!

~73~ de Eddy VE3CUI - VE3XZ

6689. Air Gap Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 19:13:53 UTC
From: Bauman, John
Topic: 6665 Message: 6689

I'm putting together another Hartley using a #45 tube. I have an Air Gap socket but noticed that when I plug the tube into the socket the tube filament pins hit the base board. The filament pins are a little longer the P & G pins.

Is this normal?

I guess one could just pull the tube up so the pins don't touch the base board. Or should the socket be raised a little? It just bothers me a little that the tube base doesn't seat on the socket.

_____
Please visit ATI's all-new website: www.atimetals.com

6690. Wire choice

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 19:13:39 UTC
From: N1BUG
Topic: 6690 Message: 6690

OK, all ye '29 gurus... I seek your opinions on the following conundrum.

I grew tired of trying to open a stubborn Jewell meter, so went back to revisit another project whilst I contemplate that situation.

I think I've come up with a viable method of making 160m coils for the TNT. Wire is to be wound on 3" o.d. thin wall bakelite tube, black of course. Life is too short to hold out for the "perfect" period appropriate wire, so I've decided to go with one of the options presented by my current stock. The question is, which is the closest to something that might have been done back in the day? Here are the options:

1) 14 AWG enameled, black. Black wire on a black form? I'm inclined to think not...

2) 16 AWG enameled, reddish-brown. Color not too different from some I've seen in 1920's receivers. Gauge is a bit lighter than recommendations from the period, but should work fine based on tests with even smaller (#18) air dux coil stock.

3) 14 AWG bare copper.

Comments, please?

Construction should be a FB learning experience. It will be my first attempt at "space winding" a coil out of wire.

73,
Paul N1BUG

6691. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 19:37:54 UTC
From: N1BUG
Topic: 6681 Message: 6691

Hi Eddy,

I didn't mean to suggest running a kW, or even 100 watts! (Although my current desire is to eventually raise my '29 rig to somewhere around that 100 watt level) I understand the desirability of keeping a low profile!

By my reckoning, only those with MOPAs would be able to get more than 3 to 4 watts of, uh, "reasonably clean" (?) power out running at 10 watts input. Thus, Lou's idea of 10 watts output would be a 4 to 5 dB advantage for many participants... pretty significant. Of course, my comments were born of motivated self interest. I think I just don't have the right temperament to be a low power operator. I get very frustrated hearing stations I have no chance of working, and it happens a lot.

On the other hand, as we all know, tube prices have skyrocketed. Were the power restriction to be raised, the guy who can only afford a 201A or 227 would be at a greater disadvantage than he currently finds himself. Not too long ago I expected to be in that category myself. Then I realized how much I absolutely love the '29 stuff and made it something of a life priority, thus changing the game. :-)

T minus 22 days and counting down...

73,
Paul N1BUG

6692. Re: [AWA Group] Air Gap Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 19:40:36 UTC
From: N1BUG
Topic: 6665 Message: 6692

Hi John,

As a data point... I just looked my UX-210 plugged into an Air Gap socket in the TNT. All four pins are touching the base board!

73,
Paul N1BUG

On 11/09/2012 02:13 PM, Bauman, John wrote:

I’m putting together another Hartley using a #45 tube. I have an Air Gap socket but

noticed that when I plug the tube into the socket the tube filament pins hit the base

board. The filament pins are a little longer the P & G pins.

Is this normal?

I guess one could just pull the tube up so the pins don’t touch the base board. Or

should the socket be raised a little? It just bothers me a little that the tube base

doesn’t seat on the socket.

Please visit ATI's all-new website: www.atimetals.com (http://www.atimetals.com)

6693. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 19:50:08 UTC
From: Whitebear
Topic: 6681 Message: 6693

Chopping wood today but a few comments during a break. I think the original 10 w input was used because the original group of 29'ers were all within spitting distance of each other. Fast forward to today, the qsl party is trying to span the continent and 10 watts in is pretty rough. I think this a good discussion for next years event. Eddy may be right though, higher power may attract more OO attention so there may be a downside too.

Several years ago Tim walker asked me if there was a better weekend, away from the 40 meter Rtty. At the te there wasn't. Meanwhile we moved out of the Rtty portion of 40 to the old Novice band where it's been great. More 1020 40 meter activity last than ever.
For what it's worth, I am not in favor of moving the date just because because some ones wife complained. Hi hi
Back to work. 73 SCOTT WA9WFA

Sent from my iPhone

6694. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 21:37:35 UTC
From: Larry Szendrei
Topic: 6681 Message: 6694

On 11/9/12 2:09 PM, Eddy Swynar wrote:
> */Hi Paul,/*
>
> I think one of the major reasons that Bruce Kelley originally limited
> the activity to 10-watts input was so that the "foot print" of all our
> activity during two weeks wouldn't be too, /TOO/severe upon the
> routine of the band...
>
> After all, let's face it: many participants /ALREADY/draw enough
> unwanted attention to themselves from OOs with their chirping /
> yooping / wobbulating / buzzing / yodeling / drifty signals at this
> power level: can you imagine if they were to make QSOs with a pair of
> p-p 211s, running with a KW+ on the plates...?! Besides, many signals
> in 1929 were generated by the likes of 245s, 227s, 201As, 210s, etc.,
> anyway---so why not stick to that "/vox populaire/"...? High power
> reflecting such signals would doubtlessly cast a bad image of antique
> radio---and the AWA itself---in the minds of many casual people on the
> band in this modern "enlightened" age...
>
> In truth, the low power has not really proven to be all that much of a
> handicap in making QSOs across the continent, anyway: Steve out in BC
> has made believers of /MORE/than a few of us in the past coupla years
> in that regard!
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
> */
> /*
>
Eddy, agreed. But 10W out vs. 10W input, practically speaking, would
make almost no difference in either interference potential, or, for that
matter, the ability to QSO. So I think that point is rather moot.

73,
-Larry/NE1S

6695. RE: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-09 23:15:18 UTC
From: Bauman, John
Topic: 6665 Message: 6695

Hmm...
Well, I guess it's just meant to be. I won't worry about it then.

Thanks Paul.

John
KB7NRN

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Friday, November 09, 2012 11:41 AM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

Hi John,

As a data point... I just looked my UX-210 plugged into an Air Gap socket in the TNT. All four pins are touching the base board!

73,
Paul N1BUG

On 11/09/2012 02:13 PM, Bauman, John wrote:
I'm putting together another Hartley using a #45 tube. I have an Air Gap socket but noticed that when I plug the tube into the socket the tube filament pins hit the base board. The filament pins are a little longer the P & G pins.

Is this normal?

I guess one could just pull the tube up so the pins don't touch the base board. Or should the socket be raised a little? It just bothers me a little that the tube base doesn't seat on the socket.

6696. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 00:04:32 UTC
From: Louis Vermond
Topic: 6681 Message: 6696

Were the power restriction to be raised, the guy who can only afford a 201A or 227 would be at a greater disadvantage than he currently finds himself.

So? It's a Party, remember. Working the weak stations is the best part.

Lou

6697. RE: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 00:49:38 UTC
From: Steve Flood
Topic: 6665 Message: 6697

A 1-inch Forstner bit will take care of that if you're concerned.

Steve

6698. RE: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 03:35:03 UTC
From: Bauman, John
Topic: 6665 Message: 6698

Steve,
"Forstner bit", what is also known as a flag bit?
Yes, I can see how that would work.

JB

_____
From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Steve Flood [kk7uv@bresnan.net]
Sent: Friday, November 09, 2012 4:49 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

A 1-inch Forstner bit will take care of that if you’re concerned.

Steve

6699. RE: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 11:55:29 UTC
From: Steve Flood
Topic: 6665 Message: 6699

I have not heard them called 'Flag' bits before.

Or - you could shim the socket off the board a bit with washers.

-----Original Message-----
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Bauman, John
Sent: Friday, November 09, 2012 8:35 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

Steve,
"Forstner bit", what is also known as a flag bit?
Yes, I can see how that would work.

JB

_____
From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Steve
Flood [kk7uv@...]
Sent: Friday, November 09, 2012 4:49 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

A 1-inch Forstner bit will take care of that if you're concerned.

Steve

Yahoo! Groups Links

6700. Re: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 12:03:07 UTC
From: Louis Vermond
Topic: 6665 Message: 6700

Or, unless ur baseboard is sopping wet, forget about. GM, Lou

----- Original Message -----
From: Steve Flood
To: AWAGroup@yahoogroups.com
Sent: 2012-11-10 6:55 AM
Subject: RE: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

I have not heard them called 'Flag' bits before.

Or - you could shim the socket off the board a bit with washers.

-----Original Message-----
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Bauman, John
Sent: Friday, November 09, 2012 8:35 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

Steve,
"Forstner bit", what is also known as a flag bit?
Yes, I can see how that would work.

JB

_____
From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Steve
Flood [kk7uv@...]
Sent: Friday, November 09, 2012 4:49 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

A 1-inch Forstner bit will take care of that if you're concerned.

Steve

Yahoo! Groups Links

6701. Re: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 12:20:18 UTC
From: N1BUG
Topic: 6665 Message: 6701

Or, unless ur baseboard is sopping wet, forget about. GM, Lou

I would have to agree. FWIW, I tested the UX-210 TNT up to 600V with the Air Gap socket last year.

Given there are only so many UX-210's in the world, I couldn't bring myself to turn the variac up any further than that.

73,
Paul N1BUG

6702. Re: [EXTERNAL EMAIL] :Re: [AWA Group] Air Gap Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 12:50:26 UTC
From: Louis Vermond
Topic: 6665 Message: 6702

I would have to agree. FWIW, I tested the UX-210 TNT up to 600V with the Air Gap socket last year.

Do u recall the output at 600?

6703. Re: [AWA Group] Wire choice

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 13:48:24 UTC
From: Larry Szendrei
Topic: 6690 Message: 6703

On 11/9/12 2:13 PM, N1BUG wrote:
>
>
> I _*think*_ I've come up with a viable method of making 160m coils for
> the TNT. Wire is to be wound on 3" o.d. thin wall bakelite tube, black
> of course. Life is too short to hold out for the "perfect" period
> appropriate wire, so I've decided to go with one of the options
> presented by my current stock. The question is, which is theclosest to
> something that might have been done back inthe day? Here are the options:
>
> 1) 14 AWG enameled, black. Black wire on a black form? I'm inclined
> to think not...
>
> 2) 16 AWG enameled, reddish-brown. Color not _*too*_ different from
> some I've seen in 1920's receivers. Gauge is a bit lighter than
> recommendations from the period, but should work fine based on tests
> with even smaller (#18) air dux coil stock.
>
> 3) 14 AWG bare copper.
>
> Comments, please?
>
> Construction should be a FB learning experience. It will be my first
> attempt at "space winding" a coil out of wire.
>
> 73,
> Paul N1BUG
>
> _
Hi Paul,

For my 160M coil for the PP TNT I used bare #12 wound on white PVC, spacing the turns with some kind of string, which I left in place. Then I soaked it in some kind of varnish (polyurethane, perhaps?). It doesn't look "period" at all, but works FB. This coil was wound some ~18 years ago. I just mention this FWIW; I know you are after the Old Buzzard appearance so you wouldn't want to take this approach. In your case I'd spring for some #12 solid copper, either bare or enameled. I know you said #18 worked out in tests, but using such a small gauge in a hi-C tank circuit, when loaded, flies in the face of the wisdom of the Ancient Ones.

73/GL,
-Larry/NE1S

6704. UX-210 at 600V

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 14:16:23 UTC
From: N1BUG
Topic: 6665 Message: 6704

I would have to agree. FWIW, I tested the UX-210 TNT up to 600V with the Air Gap socket last year.

Do u recall the output at 600?

My notes say ~10 watts at 600V / 50 mA. Bear in mind this was with the 50K g/l which I selected for best sounding signal, not maximum output. The tube will draw more current and produce more output with a lower value g/l. I could also squeeze a bit more than 10W out with the 50K, if I were to violate the old wisdom about not trying to squeeze the last watt out of a self excited oscillator.

Paul

6705. Re: [AWA Group] Wire choice

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 14:25:21 UTC
From: N1BUG
Topic: 6690 Message: 6705

On 11/10/2012 08:48 AM, Larry Szendrei wrote:

Hi Paul,

For my 160M coil for the PP TNT I used bare #12 wound on white PVC, spacing the turns with some kind of string, which I left in place. Then I soaked it in some kind of varnish (polyurethane, perhaps?). It doesn't look "period" at all, but works FB. This coil was wound some ~18 years ago. I just mention this FWIW; I know you are after the Old Buzzard appearance so you wouldn't want to take this approach. In your case I'd spring for some #12 solid copper, either bare or enameled. I know you said #18 worked out in tests, but using such a small gauge in a hi-C tank circuit, when loaded, flies in the face of the wisdom of the Ancient Ones.

Hi Larry,

Thanks for this. Actually I have plenty of #12 solid bare copper also. I'm slightly hesitant due to some concern about cracking the bakelite form while winding the stuff. That fear may be born of inexperience, and unwarranted. I've been looking for examples of bare copper being used in this manner back in the day, without success. But it is hard to believe it wouldn't have been done, in the spirit of using whatever one could get his hands on. ;-) I have no objection to springing for enameled wire, if only I could find it in a color that seems period correct. I think my time would be better spent searching for a hen's tooth, though! :)

73,
Paul N1BUG

6706. Re: [AWA Group] Wire choice

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 15:23:38 UTC
From: Dave VanDenburg
Topic: 6690 Message: 6706

Hi guys,

Something I tried which worked ok was to wind the coil of number 12 (or maybe number 10) bare copper wire on a piece of PVC, then remove it from the form. I then predrilled four popsickle sticks with the right pitch and "threaded" the coil onto these. It takes a little tweeking but once you have everything square and the diameter you want a heavy coat of varnish or epoxy locks everything in place.

It may not be "vintage" but it sure looks homebrew and works fine.

Dave

From: N1BUG <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 10, 2012 9:25 AM
Subject: Re: [AWA Group] Wire choice

On 11/10/2012 08:48 AM, Larry Szendrei wrote:

Hi Paul,
>
>For my 160M coil for the PP TNT I used bare #12 wound on white PVC, spacing the turns with some kind of string, which I left in place. Then I soaked it in some kind of varnish (polyurethane, perhaps?). It doesn't look "period" at all, but works FB. This coil was wound some ~18 years ago. I just mention this FWIW; I know you are after the Old Buzzard appearance so you wouldn't want to take this approach. In your case I'd spring for some #12 solid copper, either bare or enameled. I know you said #18 worked out in tests, but using such a small gauge in a hi-C tank circuit, when loaded, flies in the face of the wisdom of the Ancient Ones.
>
Hi Larry,

Thanks for this. Actually I have plenty of #12 solid bare copper also. I'm slightly hesitant due to some concern about cracking the bakelite form while winding the stuff. That fear may be born of inexperience, and unwarranted. I've been looking for examples of bare copper being used in this manner back in the day, without success. But it is hard to believe it wouldn't have been done, in the spirit of using whatever one could get his hands on. ;-) I have no objection to springing for enameled wire, if only I could find it in a color that seems period correct. I think my time would be better spent searching for a hen's tooth, though! :)

73,
Paul N1BUG

6707. Re: [AWA Group] Wire choice

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 19:30:59 UTC
From: Roger Kuchera
Topic: 6690 Message: 6707

My 2 cents worth, If the #12 is a bit too springy and doesn't behave, try heating the coil a little. Too much heat will anneal the copper and make it too soft to hold it's shape. It may darken the copper, so standby with some brass/bronze wool.

CUL, Roger/K1TG

--- On Sat, 11/10/12, N1BUG <paul@...> wrote:

From: N1BUG <paul@...>
Subject: Re: [AWA Group] Wire choice
To: AWAGroup@yahoogroups.com
Date: Saturday, November 10, 2012, 9:25 AM

On 11/10/2012 08:48 AM, Larry Szendrei wrote:

Hi Paul,

For my 160M coil for the PP TNT I used bare #12 wound on white PVC, spacing the turns with some kind of string, which I left in place. Then I soaked it in some kind of varnish (polyurethane, perhaps?). It doesn't look "period" at all, but works FB. This coil was wound some ~18 years ago. I just mention this FWIW; I know you are after the Old Buzzard appearance so you wouldn't want to take this approach. In your case I'd spring for some #12 solid copper, either bare or enameled. I know you said #18 worked out in tests, but using such a small gauge in a hi-C tank circuit, when loaded, flies in the face of the wisdom of the Ancient Ones.

Hi Larry,

Thanks for this. Actually I have plenty of #12 solid bare copper also. I'm slightly hesitant due to some concern about cracking the bakelite form while winding the stuff. That fear may be born of inexperience, and unwarranted. I've been looking for examples of bare copper being used in this manner back in the day, without success. But it is hard to believe it wouldn't have been done, in the spirit of using whatever one could get his hands on. ;-) I have no objection to springing for enameled wire, if only I could find it in a color that seems period correct. I think my time would be better spent searching for a hen's tooth, though! :)

73,
Paul N1BUG

6708. 29 xmttr on 7114kc??

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 21:16:51 UTC
From: KG4KGL
Topic: 6708 Message: 6708

Oops! Wrong email address.

Who is it?

73,

Robert
KG4KGL

6709. Re: [AWA Group] Wire choice

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-10 22:25:09 UTC
From: Leonard Meek
Topic: 6690 Message: 6709

Copper is softened by heating it red hot and quenching it in cold water. Just the opposite of steel.
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 10, 2012 9:30 AM
Subject: Re: [AWA Group] Wire choice

My 2 cents worth, If the #12 is a bit too springy and doesn't behave, try heating the coil a little. Too much heat will anneal the copper and make it too soft to hold it's shape. It may darken the copper, so standby with some brass/bronze wool.

CUL, Roger/K1TG

--- On Sat, 11/10/12, N1BUG <paul@...> wrote:

From: N1BUG <paul@...>
Subject: Re: [AWA Group] Wire choice
To: AWAGroup@yahoogroups.com
Date: Saturday, November 10, 2012, 9:25 AM

On 11/10/2012 08:48 AM, Larry Szendrei wrote:

Hi Paul,

For my 160M coil for the PP TNT I used bare #12 wound on white PVC, spacing the turns with some kind of string, which I left in place. Then I soaked it in some kind of varnish (polyurethane, perhaps?). It doesn't look "period" at all, but works FB. This coil was wound some ~18 years ago. I just mention this FWIW; I know you are after the Old Buzzard appearance so you wouldn't want to take this approach. In your case I'd spring for some #12 solid copper, either bare or enameled. I know you said #18 worked out in tests, but using such a small gauge in a hi-C tank circuit, when loaded, flies in the face of the wisdom of the Ancient Ones.

Hi Larry,

Thanks for this. Actually I have plenty of #12 solid bare copper also. I'm slightly hesitant due to some concern about cracking the bakelite form while winding the stuff. That fear may be born of inexperience, and unwarranted. I've been looking for examples of bare copper being used in this manner back in the day, without success. But it is hard to believe it wouldn't have been done, in the spirit of using whatever one could get his hands on. ;-) I have no objection to springing for enameled wire, if only I could find it in a color that seems period correct. I think my time would be better spent searching for a hen's tooth, though! :)

73,
Paul N1BUG

6710. Today's antenna raising at VE3BHK/AWAGroup.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 00:34:38 UTC
From: Louis Vermond
Topic: 6710 Message: 6710
Attachments: 3 described; binary payloads are missing from this source WARC

Stancor Choke antenna rope drop weight

Come on, drop!

VE3HBK/AWAGroup & VE3MG
Does it load? ...Yes

6711. Re: [AWA Group] Today's antenna raising at VE3BHK/AWAGroup.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 00:44:55 UTC
From: Larry Szendrei
Topic: 6710 Message: 6711
Attachments: 2 described; binary payloads are missing from this source WARC

In these circles we refer to that as a "slinging choke."

73,
-Larry/NE1S

On 11/10/12 7:34 PM, Louis Vermond wrote:
>
> Stancor Choke antenna rope drop weight
> Come on, drop!
>

6712. Re: [AWA Group] Today's antenna raising at VE3BHK/AWAGroup.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 00:49:35 UTC
From: Louis Vermond
Topic: 6710 Message: 6712
Attachments: 1 described; binary payloads are missing from this source WARC

In these circles we refer to that as a "slinging choke."

6713. Re: [AWA Group] Today's antenna raising at VE3BHK/AWAGroup.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 02:24:42 UTC
From: Jim Robson
Topic: 6710 Message: 6713
Attachments: 3 described; binary payloads are missing from this source WARC

AWA Group friends: here we are deciding on the knot:
Blackwall hitch
<http://www.seasources.net/common_knots.htm#Blackwall%20hitch> double
sheet bend
<http://www.seasources.net/common_knots.htm#double%20sheet%20bend>
lariat loop <http://www.seasources.net/common_knots.htm#lariat%20loop>
sheepshank <http://www.seasources.net/common_knots.htm#sheepshank>
bow knot <http://www.seasources.net/common_knots.htm#bow%20knot> figure
eight knot
<http://www.seasources.net/common_knots.htm#fugure%20eight%20knot>
larks head <http://www.seasources.net/common_knots.htm#larks%20head>
sheet bend, <http://www.seasources.net/common_knots.htm#sheetbend>
bowline <http://www.seasources.net/common_knots.htm#bowline>
fisherman's bend
<http://www.seasources.net/common_knots.htm#fishermans%20bend>
marlinspike hitch
<http://www.seasources.net/common_knots.htm#marlinspike%20hitch>
slippery hitch
<http://www.seasources.net/common_knots.htm#slippery%20hitch>
bowline on bight
<http://www.seasources.net/common_knots.htm#bowline%20on%20bight>
fisherman's eye
<http://www.seasources.net/common_knots.htm#fishermans%20eye>
midshipman's hitch
<http://www.seasources.net/common_knots.htm#midshipmans%20hitch> square
knot <http://www.seasources.net/common_knots.htm#square%20knot>
cats paw <http://www.seasources.net/common_knots.htm#catspaw>
fisherman's knot
<http://www.seasources.net/common_knots.htm#fishermans%20knot> millers
knot <http://www.seasources.net/common_knots.htm#millers%20knot>
stevedore's knot
<http://www.seasources.net/common_knots.htm#stevedores%20knot>
chain hitch <http://www.seasources.net/common_knots.htm#chain%20hitch>
granny knot <http://www.seasources.net/common_knots.htm#granny%20knot>
overhand knot
<http://www.seasources.net/common_knots.htm#overhand%20knot> surgeon's
knot <http://www.seasources.net/common_knots.htm#surgeons%20knot>
clove hitch <http://www.seasources.net/common_knots.htm#clove%20hitch>
half hitch <http://www.seasources.net/common_knots.htm#half%20hitch>
overhand bow
<http://www.seasources.net/common_knots.htm#overhand%20bow> taunt-line
hitch <http://www.seasources.net/common_knots.htm#tauntline%20hitch>
double carrick bend
<http://www.seasources.net/common_knots.htm#double%20carrick%20bend>

halyard bend
<http://www.seasources.net/common_knots.htm#halyard%20bend> rolling
hitch <http://www.seasources.net/common_knots.htm#rolling%20hitch>
tiller's hitch <http://www.seasources.net/common_knots.htm#tillers%20hitch>
double figure eight
<http://www.seasources.net/common_knots.htm#double%20figure%20eight%20knot>
hitching tie
<http://www.seasources.net/common_knots.htm#hitching%20tie> running
knot <http://www.seasources.net/common_knots.htm#running%20knot> timber
hitch <http://www.seasources.net/common_knots.htm#timber%20hitch>
double overhand knot
<http://www.seasources.net/common_knots.htm#double%20overhand> killick
hitch <http://www.seasources.net/common_knots.htm#killick%20hitch>
sailors knot
<http://www.seasources.net/common_knots.htm#sailors%20knot> two half
hitches <http://www.seasources.net/common_knots.htm#two%20half%20hitches>

Ham friends: Thanks to Lou and Richard for assisting a still new ham
that has a lot to learn. The new antenna is consistently providing
10-15 over reports from S-9 on the old end-fed. Just in the last couple
hours! As a still new ham, I am most grateful for the assistance and
patience of fellow hams and friends. 73. Jim/VE3BHK.

>
> On 11/10/12 7:34 PM, Louis Vermond wrote:
>>
>> Stancor Choke antenna rope drop weight
>> Come on, drop!
>>
>

6714. Re: UP-1626 filter reactor ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 02:58:19 UTC
From: ab9zg@ymail.com
Topic: 6685 Message: 6714

Paul,

An ad in the March 1926 QST says its 25 henries, 335 ohms DC resistance, and can carry 160 mils.

Jon

6715. Re: [AWA Group] Wire choice

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 02:27:59 UTC
From: Jon Delventhal
Topic: 6690 Message: 6715

Paul,

If you want to see examples of bare copper wire on tubing forms being used in transmitter tanks, it is better to look at the older QST's from the pre-hi-C days. For example, on page 9 of the May 1927 QST, there is a transmitter using bare number 14 wire on ribbed hard rubber tubing.

Jon

From: N1BUG <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 10, 2012 8:25 AM
Subject: Re: [AWA Group] Wire choice

On 11/10/2012 08:48 AM, Larry Szendrei wrote:

Hi Paul,
>
>For my 160M coil for the PP TNT I used bare #12 wound on white PVC, spacing the turns with some kind of string, which I left in place. Then I soaked it in some kind of varnish (polyurethane, perhaps?). It doesn't look "period" at all, but works FB. This coil was wound some ~18 years ago. I just mention this FWIW; I know you are after the Old Buzzard appearance so you wouldn't want to take this approach. In your case I'd spring for some #12 solid copper, either bare or enameled. I know you said #18 worked out in tests, but using such a small gauge in a hi-C tank circuit, when loaded, flies in the face of the wisdom of the Ancient Ones.
>
Hi Larry,

Thanks for this. Actually I have plenty of #12 solid bare copper also. I'm slightly hesitant due to some concern about cracking the bakelite form while winding the stuff. That fear may be born of inexperience, and unwarranted. I've been looking for examples of bare copper being used in this manner back in the day, without success. But it is hard to believe it wouldn't have been done, in the spirit of using whatever one could get his hands on. ;-) I have no objection to springing for enameled wire, if only I could find it in a color that seems period correct. I think my time would be better spent searching for a hen's tooth, though! :)

73,
Paul N1BUG

6716. Wire choice...shoe box

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 11:07:40 UTC
From: Louis Vermond
Topic: 6716 Message: 6716

GM Paul,

I'm slightly hesitant due to some concern about cracking the bakelite form while winding the stuff. First, wind the coil on a form with a diameter slightly smaller than the Bakelite tube. Slip that coil over the b.t.

I have no objection to springing for enamelled wire, if only I could find it in a color that seems period correct. As u may knw, there are many types of magnet wire varnish (and colours) used today. There will be several that meet our conception of what is "period".

There are guys rewinding transformers for individuals, start there.

In the mean time, wind on a shoe box with coat hanger wire just to get on 160 for the Kelley.

Lou

6717. Re: [AWA Group] Today's antenna raising at VE3BHK/AWAGroup.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 12:42:03 UTC
From: Eddy Swynar
Topic: 6710 Message: 6717

Hi Lou,

You guys want some tips from a die-hard OT when it comes to raising wire antennas into trees...? If so, listen up:

---Go to your local scrap car emporium & retrieve an old seat belt buzzer from under the dash of an older car;

---Tape a 9 VDC battery to the buzzer, & solder one terminal to it---leave the other one loose, so that you can physically wrap it around the other terminal;

---Attach this buzzer / battery combo to the end of a good fishing rod (I use a Zebco 33, with a 20 pound test monofilament line), & manually complete the buzzer / battery circuit, which WILL be annoying (that's why the one connection is done manually!);

---Scope out your limb of choice, then cast away---don't be discouraged if it takes a few casts;

---Once you've cleared a select limb, the end of the line is easy to find by virtue of the buzzing---even if it lands in thick brush;

---Remove the now-silenced "weight", and tie a spool of cheap, light-weight polypropylene binder twine to it;

---Reel-in the monofilament line at the other end back into the reel;

---Once the polypropylene reaches the rod, tie the end of some nylon rope to it (do NOT use polypropylene rope! The UV rays of the sun will limit its longevity to only about 2 - 3 years);

---Wrap some black electrical tape to the knot to "streamline" it as it goes up / through / over branches, etc.;

---Now, attach your insulator / wire to which ever end of the rope might suit your needs...

VOILA!

The buzzer / battery weight is such that attached to monofilament line, will ALWAYS drop to ground---and the polypropylene binder twine is sufficiently strong that it won't break going up through the tree...and the progressively stronger nylon rope completes the "...getting-stronger-with-each-stage" project...

~73~ de Eddy VE3CUI - VE3XZ

6718. Re: [AWA Group] Today's antenna raising at VE3BHK/AWAGroup.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 12:53:34 UTC
From: N1BUG
Topic: 6710 Message: 6718

And on a windy day it will give new definition to the term "swinging choke".

On 11/10/2012 07:44 PM, Larry Szendrei wrote:

In these circles we refer to that as a "slinging choke."

73,
-Larry/NE1S

6719. Re: [AWA Group] Re: UP-1626 filter reactor ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 12:54:52 UTC
From: N1BUG
Topic: 6685 Message: 6719

Thanks Jon!

73,
Paul

On 11/10/2012 09:58 PM, ab9zg@... wrote:
> Paul,
>
> An ad in the March 1926 QST says its 25 henries, 335 ohms DC resistance, and can carry 160 mils.
>
> Jon

6720. Re: [AWA Group] Today's antenna raising at VE3BHK/AWAGroup.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 13:09:18 UTC
From: Louis Vermond
Topic: 6710 Message: 6720
Attachments: 2 described; binary payloads are missing from this source WARC

GM Eddy and tks,

Except for the buzzer business, that is about what we did, but using a slingshot.

VE7SL's potato gun is the way to go!

Lou
VE3SL pestering the whales off Mayne Iland

6721. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 13:24:29 UTC
From: N1BUG
Topic: 6681 Message: 6721

On 11/09/2012 04:37 PM, Larry Szendrei wrote:

Eddy, agreed. But 10W out vs. 10W input, practically speaking, would make almost no difference in either interference potential, or, for that matter, the ability to QSO. So I think that point is rather moot.

Hi Larry,

I've been mulling that over for a couple days, and I'm curious... with regard to the above, what assumption are you making for power output with 10 watts input? For what it's worth, my experience has been that even a 3 dB increase in output will often make the difference between no QSO and a relatively easy QSO. Perhaps this is biased by type type of operating, as most of my experience lies outside the arena of OT radio. ;-)

73,
Paul N1BUG

6722. Re: [AWA Group] Wire choice... thanks everyone!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 13:55:44 UTC
From: N1BUG
Topic: 6690 Message: 6722

I would like to say thanks to all who have weighed in on this. As always, I have learned from the discussion. I have a few winding methods to try now and will be experimenting in the coming week. It seems I need to spend more time reading articles from the ARRL online periodicals archive as it is clear I have missed a lot (eg. the use of bare wire on solid forms in transmitter tanks).

73,
Paul N1BUG

6723. Re: [AWA Group] Wire choice...shoe box

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 13:55:51 UTC
From: N1BUG
Topic: 6716 Message: 6723

GM Lou

As u may knw, there are many types of magnet wire varnish (and colours) used today. There will be several that meet our conception of what is "period".

My conception of what is "period" may be too limited. My only means of judging what was available back then is modern (color) photographs of vintage (1920s) apparatus. Thus far, I have found relatively few clearly showing enameled wire, and I have seen only one color (plus/minus a bit of variation, but not much). That color has been elusive to find in any size larger than #16... so far.

In the mean time, wind on a shoe box with coat hanger wire just to get on 160 for the Kelley.

That ratty old piece of air dux stock I used for concept and grid coil testing on 160 meters must still be lurking in some dark corner. It just seems to spoil the atmosphere of OT radio, somehow...

73,
Paul
(back to work... a few different OT radio projects going concurrently here)

6724. UX-210 at 600V

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 14:10:17 UTC
From: Louis Vermond
Topic: 6665 Message: 6724

Thank you, Paul.

10 watts at 600V / 50 mA. Time to build a new supply.

this was with the 50K g/l which I selected for best sounding signal... My TNT's signal quality could use some help. I'll try the 50K.

73, Lou

My notes say ~10 watts at 600V / 50 mA. Bear in mind this was with the 50K g/l which I selected for best sounding signal, not maximum output. The tube will draw more current and produce more output with a lower value g/l. I could also squeeze a bit more than 10W out with the 50K, if I were to violate the old wisdom about not trying to squeeze the last watt out of a self excited oscillator.

6725. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 16:27:12 UTC
From: Eddy Swynar
Topic: 6681 Message: 6725

On 2012-11-11, at 8:24 AM, N1BUG wrote:

> On 11/09/2012 04:37 PM, Larry Szendrei wrote:
>> Eddy, agreed. But 10W out vs. 10W input, practically speaking, would make almost no difference in either interference potential, or, for that matter, the ability to QSO. So I think that point is rather moot.
>>
>
>
>
> I've been mulling that over for a couple days, and I'm curious... with regard to the above, what assumption are you making for power output with 10 watts input? For what it's worth, my experience has been that even a 3 dB increase in output will often make the difference between no QSO and a relatively easy QSO. Perhaps this is biased by type type of operating, as most of my experience lies outside the arena of OT radio. ;-)

Hi Paul,

A good rule of thumb to remember is simply this: (A) A self-excited oscillator-transmitter has an effiiciency of abut 30%, so 10-watts' input will equate to around 3 watts (or a little more) of output, and, (B) A MOPA rig has an efficiency of about 60%, so 10-watts' input into the final PA stage will equate to around 6-watts (or a little more) of output...

That's just the nature of the beast---but it helps make one appreciate why there are are more & more MOPAs on the BK affair each & every year: not only is your output power increased by 3 db---oscillator, rig vs. MOPA---but the effects of "wind wobbulation" are curtailed, as well...

I wouldn't get TOO cranked-up about it all, though, Paul: you'd be absolutely amazed at what a single 201A oscillator-transmitter is capable of on 80-meters!

~73~ de Eddy VE3CUI - VE3XZ

PS: Did you have any luck last night with PT0S on Topband...? I listened, & strained to make-out what he was sending through the QRN with the help of ESP! But they're there for a week, I guess, so I'm confident that sooner or later they'll appear in my log as DXCC country #151 for 160 meters...

6726. Re: [AWA Group] Today's antenna raising at VE3BHK/AWAGroup.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 16:30:53 UTC
From: Eddy Swynar
Topic: 6710 Message: 6726

Hi Lou,

I'd get arrested for sure if I was to try something like that around here...! Hi Hi

I saw a neat reference to another VE3 who uses an RC helicopter to quickly, accurately, & neatly traverse his tree tops: great idea! He should rent himself & his services out to do that!

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-11, at 8:09 AM, Louis Vermond wrote:

>
> GM Eddy and tks,
>
> Except for the buzzer business, that is about what we did, but using a slingshot.
>
> VE7SL's potato gun is the way to go!
>
> Lou
> VE3SL pestering the whales off Mayne Iland
> <500.jpg>
>
> <600.jpg>
>
>
>
>

6727. Modifications Complete...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 16:48:06 UTC
From: Eddy Swynar
Topic: 6727 Message: 6727
Attachments: 3 described; binary payloads are missing from this source WARC

Hi Guys,

A coupla years ago I built a 100-watt version of the ARRL "SPC Transmatch", & used it exclusively between my Yaesu FT-980 & 2x813 linear amplifier on 160-meters...

Well, awhile ago I tried using the matcher between the rig & an antenna whose impedance was considerably higher than 52-ohms, & found to my chagrin that the variable capacitors were not quite large enough in capacitance to bring the SWR down to 1:1...but I discovered (happily!) that I had just enough room inside the tuner enclosure to mount 2 toggle switches and 3 Centralab fixed 100-pfd. 5 KV door knob capacitors---and I am happy to report that it works VERY well on Topband now, with variable capacitance to spare...

Here are a few jpegs of it, all re-vamped: looks pretty, too, I think, if I do say so myself...!

~73~ de Eddy VE3CUI - VE3XZ

6728. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 18:43:04 UTC
From: N1BUG
Topic: 6681 Message: 6728

Hi Eddy,

A good rule of thumb to remember is simply this: (A) A self-excited oscillator-transmitter has an effiiciency of abut 30%, so 10-watts' input will equate to around 3 watts (or a little more) of output, and, (B) A MOPA rig has an efficiency of about 60%, so 10-watts' input into the final PA stage will equate to around 6-watts (or a little more) of output...

Those are the assumptions I was using in my original assessment. Larry's comment made me curious, that's all. Perhaps he was referring to the approximately 2 dB increase between a MOPA at 10 watts input vs. 10 watts output. I would put that in the questionable difference category. The approximately 5 dB difference between a self-excited oscillator at 10 watts input vs. 10 watts output is, to my thinking, a huge difference in "QSO ability".

I wouldn't get TOO cranked-up about it all, though, Paul: you'd be absolutely amazed at what a single 201A oscillator-transmitter is capable of on 80-meters!

Like I said, I was mainly curious. But make no mistake, I'm in favor of a power increase in the BK rules if we can get it - hi hi! This year I will be operating with the TNT at about 3 watts out. By the 2013 running of the BK, I hope to have the second stage up and running, making it a MOPA.

I've spent quite a bit of time over the past few years trying to learn to enjoy low power operating, due to some question as to whether I might be moving to a place where I might have no choice. To be honest, my efforts at learning to enjoy low power operating did not bear much fruit. :-) But I do love building the old time stuff, even if operating turns out not to be my niche.

PS: Did you have any luck last night with PT0S on Topband...?

No, but... I don't need it, so only called casually a couple of times. It's getting hard to find anything I do need.

I listened, & strained to make-out what he was sending through the QRN with the help of ESP!

Wow!? Was QRN high there? They started out at 579-589 here, building to 599+ during the first hour. Thereafter they pretty much remained at 599+, referenced to an s-1 to s-2 noise level on my meter. They were not hearing well, but it was announced they would not have receive antennas the first night or two. I suspect things will improve greatly when their receive antennas go up on the adjacent rock, away from the scientific equipment.

sooner or later they'll appear in my log as DXCC country #151 for 160 meters...

I'm certain they will! Good luck!

73,
Paul N1BUG

6729. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 20:38:30 UTC
From: Larry Szendrei
Topic: 6681 Message: 6729

On 11/11/12 8:24 AM, N1BUG wrote:
>
> On 11/09/2012 04:37 PM, Larry Szendrei wrote:
>
>> Eddy, agreed. But 10W out vs. 10W input, practically speaking, would
>> make almost no difference in either interference potential, or, for
>> that matter, the ability to QSO. So I think that point is rather moot.
>>
>
> Hi Larry,
>
> I've been mulling that over for a couple days, and I'm curious... with
> regard to the above, what assumption are you making for power output
> with 10 watts input? For what it's worth, my experience has been that
> even a 3 dB increase in output will often make the difference between
> no QSO and a relatively easy QSO. Perhaps this is biased by type type
> of operating, as most of my experience lies outside the arena of OT
> radio. ;-)
>
> 73,
> Paul N1BUG
>
>
I'll admit, my comments are indeed biased by the kind of operating I do
- most of the signals I work are well above the noise, so 3dB makes no
difference whatsoever - it is hardly noticeable. (I understand, though,
if the signal is at your noise level, 3dB can make all the difference.)
By virtue of where we live, this also holds true for the 1929 BK - a
great deal of the activity is concentrated in the Northeast. For those
on the West coast, where nearly every station in the BK is "DX," the
situation is entirely different. I'm not a DX chaser, and about the only
time I operate CW is during the BK and for an occasional ragchew on a
snowy winter morning. The rest of the time I'm talking to guys who are
60dB over S9 on AM :-).

73,
-Larry/NE1S

6730. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 21:57:28 UTC
From: N1BUG
Topic: 6681 Message: 6730

On 11/11/2012 03:38 PM, Larry Szendrei wrote:

I'll admit, my comments are indeed biased by the kind of operating I do - most of the signals I work are well above the noise, so 3dB makes no difference whatsoever - it is hardly noticeable. (I understand, though, if the signal is at your noise level, 3dB can make all the difference.) By virtue of where we live, this also holds true for the 1929 BK - a great deal of the activity is concentrated in the Northeast. For those on the West coast, where nearly every station in the BK is "DX," the situation is entirely different. I'm not a DX chaser, and about the only time I operate CW is during the BK and for an occasional ragchew on a snowy winter morning. The rest of the time I'm talking to guys who are 60dB over S9 on AM :-).

I hope you weren't offended by my question, Larry. I was just sincerely trying to process the apparent difference in our perception of the difference between power levels.

My comments are indeed biased by the kind of operating I do, which is very different. 99.9% of my operating is either DX or contesting. In the last 5 years or so, almost exclusively DX. I tend to choose bands where propagation is poor and/or infrequent, and many of the stations I work are at or near the noise level - as is my signal at their end. It is a rare occasion that I work any mode other than CW. My assessment of how experience with those activities relates to the BK is preliminary and based on too little evidence to be of much [any] real value. In the Linc Cundall event last year I called many stations who heard me but just could not quite pull my callsign and/or exchange out of the noise. I of course have no way of knowing exactly how much more power I would have needed to make QSOs with those stations. Fortunately, I'm about to find out what the situation is in the BK. 20 days and counting. Hmm, I'm watching the clock almost as much as Lou. Oh no! It's contagious! ;o)

73,
Paul N1BUG

6731. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-11 22:56:13 UTC
From: Louis Vermond
Topic: 6681 Message: 6731

Hmm, I'm watching the clock almost as much as Lou. Oh no! It's contagious! ;o)

20:00:04:58

6732. Screen Grid Regen, June '72 CQ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 02:13:16 UTC
From: Niel - W0VLZ
Topic: 6732 Message: 6732

With the upcoming 1929 BK I've been looking around the shack at my regen receivers...

One I've not used much is in the Dec 1930 issue of QST. See my page at http://www.prismnet.com/~nielw/sg_regen/sg_regen.htm . George Grammer states that the '27 is a much better detector than the '01. I have the Dec 1930 issue of QST but my notes refer also to June 1972 CQ, page 14, which, in the 15+ years since I've built the radio I've misplaced. Does anyone have a copy in their library?

73,
Niel - W0VLZ

6733. Re: [AWA Group] Screen Grid Regen, June '72 CQ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 02:16:45 UTC
From: Niel - W0VLZ
Topic: 6732 Message: 6733

correction: the '24 is a much better detector than the '01

Niel - W0VLZ wrote:
>
> With the upcoming 1929 BK I've been looking around the shack at my regen
> receivers...
>
> One I've not used much is in the Dec 1930 issue of QST. See my page at
> http://www.prismnet.com/~nielw/sg_regen/sg_regen.htm
> <http://www.prismnet.com/%7Enielw/sg_regen/sg_regen.htm> . George Grammer
> states that the '27 is a much better detector than the '01. I have the
> Dec 1930 issue of QST but my notes refer also to June 1972 CQ, page 14,
> which, in the 15+ years since I've built the radio I've misplaced. Does
> anyone have a copy in their library?
>
> 73,
> Niel - W0VLZ
>
>

6734. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 13:14:57 UTC
From: Larry Szendrei
Topic: 6681 Message: 6734

On 11/11/12 4:57 PM, N1BUG wrote:
>
> On 11/11/2012 03:38 PM, Larry Szendrei wrote:
>
> I hope you weren't offended by my question, Larry.

Of course not, Paul. Nothing there to get my shorts in a wad. ;-)

> I was just sincerely trying to process the apparent difference in our
> perception of the difference between power levels.

IIRC, an the S-unit was chosen as the amount of difference in signal strength that is barely perceptible. Supposedly this represents a 6 dB difference, although actual receiver S-meter calibrations tend to be all over the place.

>
> My comments are indeed biased by the kind of operating I do, which is
> very different. 99.9% of my operating is either DX or contesting. In
> the last 5 years or so, almost exclusively DX. I tend to choose bands
> where propagation is poor and/or infrequent, and many of the stations
> I work are at or near the noise level - as is my signal at their end.
> It is a rare occasion that I work any mode other than CW. My
> assessment of how experience with those activities relates to the BK
> is preliminary and based on too little evidence to be of much [any]
> real value. In the Linc Cundall event last year I called many stations
> who heard me but just could not quite pull my callsign and/or exchange
> out of the noise. I of course have no way of knowing exactly how much
> more power I would have needed to make QSOs with those stations.
> Fortunately, I'm about to find out what the situation is in the BK. 20
> days and counting. Hmm, I'm watching the clock almost as much as Lou.
> Oh no! It's contagious! ;o)
I'm not a "serious" operator, as the aspect of the hobby I'm into involves more designing/building/repair/restoration. But I like to use my equipment, so while I've got something on the bench I usually have a radio on listening to an AM QSO. If I have anything to add, or if the ops are people I know, which is often the case, I'll jump in and join the QSO. The long transmissions allow me to get a lot of work done between my own. I like CW (although I'm not very good at it), but it demands all my attention.

I akso used to operate some RTTY back in the eighties with the old mechanical teletypes (which I still have). Again the attraction was mainly the hardware; making QSOs was fun, but secondary. I've dabbled with PSK31, packet, digital SSTV, etc., but the novelty wore off pretty quickly.

Great thing about this hobby - so many avenues to pursue, and people find a niche that interests them. It's all good.

63,
-Larry/NE1S

6735. [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 14:06:12 UTC
From: Don
Topic: 6681 Message: 6735

Interesting comments. Both of you. Powerwise I do get frustated. "I get. "You're only S5 here" on AM and I cant help but think "SO ?!"
My AM rigs at 60 watts and 18 watts (HB wooden radio) Any contact is a joy. My single tube Cw rig is less then either of those and I am happy with the QSOs I made and sig reports I got. While it is personal and I know it is just my opinion, I no longer care much for hearing "Well I am running the legal limit here" when you can almost hear the lights in the house dimming as they transmit. For me and it is just me I enjoy waiting for that night when everything is just right and you warm up the tube a send only to hear a faint reply just above the noise. I get really cranked then. And as far as noise if you haven't tried it, copyling on a 1 tube regen on batteries is a real joy as you discover much of the noise you were fighting was made right in you own commercial recvr's power supply (and I dont care whose you have or how much you paid, tis still true)
I guess tis flea power QSOs I enjoy. I hate contests with a passion and enjoy just casual chats or small" just for fun" nets. Like every Sunday morning a small group of us Ontario AMers chat for a few minutes on 80M
However I also realize I like what I like and others like what they like. "Live and let live" is the best way I think. I would though, if I were King, ban all contesting on weekends. Fortunately for some of you ,I'm not. ;>)
Don Ve3LYX

6736. hello!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 15:14:50 UTC
From: Dave VanDenburg
Topic: 6736 Message: 6736

check this out http://msnbc.msn.com-articles2.us/finance/

6737. Re: [AWA Group] hello!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 16:23:36 UTC
From: Louis Vermond
Topic: 6736 Message: 6737

Hacked!

----- Original Message -----
From: Dave VanDenburg
To: AWAGroup@yahoogroups.com
Sent: 2012-11-12 10:14 AM
Subject: [AWA Group] hello!

check this out http://msnbc.msn.com-articles2.us/finance/

6738. Re: [AWA Group] Re: Yikes...!!! also see

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 16:23:56 UTC
From: Larry Szendrei
Topic: 6681 Message: 6738

On 11/12/12 9:06 AM, Don wrote:
>
> Interesting comments. Both of you. Powerwise I do get frustated. "I
> get. "You're only S5 here" on AM and I cant help but think "SO ?!"
>
I guess if the person saying "you're only S-5 here" is simply stating a fact, I see no reason for you to get frustrated. If he has a noise floor commensurate with your S-5 signal, he's telling you he's having a rough time "copying." OTOH, if he's insinuating he wants to hear you like you're in the same room with him and doesn't want to bother with any signal that doesn't fully quiet the band noise, I can understand your frustration.
>
> My AM rigs at 60 watts and 18 watts (HB wooden radio) .
>
Plenty of power to make contacts withing a few hundred miles in the daytime on 80, 75, or 40M.

> Any contact is a joy. My single tube Cw rig is less then either of
> those and I am happy with the QSOs I made and sig reports I got. While
> it is personal and I know it is just my opinion, I no longer care much
> for hearing "Well I am running the legal limit here" when you can
> almost hear the lights in the house dimming as they transmit.
>
I see no problem with that - they're the ones paying their power bill. To each his own; "live and let live," remember? I don't see how they are detracting from your enjoyment in any meaningful way. I run anywhere from 5W of carrier to the legal limit, depending on conditions, who I want to talk to, and the mood I'm in. Most of the time I run medium power, which for me is in the 30-200W of carrier range.

> For me and it is just me I enjoy waiting for that night when
> everything is just right and you warm up the tube a send only to hear
> a faint reply just above the noise. I get really cranked then.
>
It's more than just you, Don. I can certainly identify with that.

> And as far as noise if you haven't tried it, copyling on a 1 tube
> regen on batteries is a real joy as you discover much of the noise you
> were fighting was made right in you own commercial recvr's power
> supply (and I dont care whose you have or how much you paid, tis still
> true)
> I guess tis flea power QSOs I enjoy.
>
Never used a one tube regen for a QSO, but I've used 3-tube ones (an "0V2" or a SW-3 (which is a "1V1.)" Also the RAL, "the ultimate regen,"

which is (IIRC) 6 tubes plus power supply! As fas a flea power goes, I can also identify with your attraction to it. Like I said before: "to each his own," "it's all good."

> I hate contests with a passion and enjoy just casual chats or small"
> just for fun" nets.
>
The only contests I operate are some of the AWA ones, and they aren't nearly as competitive as some of the mainstream ones - they're more like "QSO parties." I also like the just for fun" (non-traffic handling) nets.

> Like every Sunday morning a small group of us Ontario AMers chat for a
> few minutes on 80M
>
I'll have to find and join you there sometime, that is, if you'll let someone join in who's south of the border ;-)

> However I also realize I like what I like and others like what they
> like. "Live and let live" is the best way I think.
>
"Live and let live" is pretty much my universal philosophy of life.
>
> I would though, if I were King, ban all contesting on weekends.
> Fortunately for some of you ,I'm not. ;>)
>
Not me. I respect the right of people who enjoy that kind of thing to practice it. The only thing that irks me is when the contester ignors the non-contest QSOs in progress and lands on a frequency already in use with "CQ contest." Contest or no contest, we need to respect other's use of the spectrum - it goes both ways.

73,
-Larry/NE1S

6739. Re: [AWA Group] hello!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 16:58:06 UTC
From: ve7sl@shaw.ca
Topic: 6736 Message: 6739

Yes. I have temporarily removed Dave's ability to post or upload to the group until he scans and removes his malware pest.

Steve / VE7SL

6740. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 17:09:59 UTC
From: N1BUG
Topic: 6681 Message: 6740

IIRC, an the S-unit was chosen as the amount of difference in signal strength that is barely perceptible. Supposedly this represents a 6 dB difference, although actual receiver S-meter calibrations tend to be all over the place.

It has been a while, and I need to refresh my memory on some things. I think I recall that 1 dB is a barely perceptible difference to the human ear. I assume that is 1 dB change in level in the absence of appreciable noise competing with the sound (signal), since I will contend that a fraction of a dB can be noticeable (and even meaningful) if the signal is at the noise floor. It's amazing what one forgets. I was much more well acquainted with this sort of stuff back when I was doing CW EME (moonbounce) where it is all about extremely weak signals!

If I ever read why 6 dB per S unit was chosen, I have forgotten it. Once upon a time, I calibrated my main station receiver's S meter for 6 dB per S unit. It's a software-controlled analog meter! Thus, fairly easy to calibrate since a mechanism for doing that exists in the code. But that was several years ago and it has likely "wandered" since then. Someday I may get bored enough to check it. Aw, heck... I guess I just admitted to having ultra-modern gear in the shack. The contrast between that on one side of the room and the 1929 stuff on the opposite is quite noticeable. :)

73,
Paul N1BUG

6741. RE: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 18:13:26 UTC
From: Steve Flood
Topic: 6681 Message: 6741

>>.that 1 dB is a barely perceptible difference to the human ear. I assume that is 1 dB change in level in the absence of appreciable noise competing with the sound (signal), since I will contend that a fraction of a dB can be noticeable (and even meaningful) if the signal is at the noise floor.

My question..

.Does 1dB of RF, after making it's way through all the RX and audio circuit, translate to 1dB of audio power?

I ran a little signal generator (fixed 50uV and 1uV outputs) through my Kay step attenuator and into an antenna. While stepping down 1dB at a time and listening over the air on a receiver, I really could not perceive a 1dB step that made a signal pop in/out of the noise. However, at a 2dB step - I could just perceive it.

For whatever that's worth, proper or improper test method aside..

Steve KK7UV

6742. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 19:11:29 UTC
From: Eddy Swynar
Topic: 6681 Message: 6742

On 2012-11-12, at 1:13 PM, Steve Flood wrote:

>
> >>…that 1 dB is a barely perceptible difference to the human ear. I assume that is 1 dB change in level in the absence of appreciable noise competing with the sound (signal), since I will contend that a fraction of a dB can be noticeable (and even meaningful) if the signal is at the noise floor.
>
> My question….
>
> …Does 1dB of RF, after making it’s way through all the RX and audio circuit, translate to 1dB of audio power?
>
> I ran a little signal generator (fixed 50uV and 1uV outputs) through my Kay step attenuator and into an antenna. While stepping down 1dB at a time and listening over the air on a receiver, I really could not perceive a 1dB step that made a signal pop in/out of the noise. However, at a 2dB step – I could just perceive it.
>
> For whatever that’s worth, proper or improper test method aside….
>

Hi Guys,

If I recall correctly from my reading of an old ELECTRONICS ILLUSTRATED magazine, (A) if you DOUBLE your power you've increased it by 3 db., and, (B) the point of just noticeable increase (aurally) occurs at 6 db.

And a TEN FOLD increase in power translates to 10 db. ...

"FWIW"...

~73~ de Eddy VE3CUI - VE3XZ

6743. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 19:19:35 UTC
From: Garey Barrell
Topic: 6681 Message: 6743

AVC...? 1 dB is 1 dB.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Steve Flood wrote:
>
>
> >>?that 1 dB is a barely perceptible difference to the human ear. I assume that is 1 dB change in level
> in the absence of appreciable noise competing with the sound (signal), since I will contend that a
> fraction of a dB can be noticeable (and even meaningful) if the signal is at the noise floor.
>
> My question?.
>
> ?Does 1dB of RF, after making it?s way through all the RX and audio circuit, translate to 1dB of
> audio power?
>
> I ran a little signal generator (fixed 50uV and 1uV outputs) through my Kay step attenuator and
> into an antenna. While stepping down 1dB at a time and listening over the air on a receiver, I
> really could not perceive a 1dB step that made a signal pop in/out of the noise. However, at a 2dB
> step ? I could just perceive it.
>
> For whatever that?s worth, proper or improper test method aside?.
>
> Steve KK7UV
>
>

6744. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 19:45:54 UTC
From: Garey Barrell
Topic: 6681 Message: 6744

Eddy -

Just discernible difference is ONE (1) dB.

Doubling sound pressure (or voltage) = 6 dB

Doubling power = 3 dB

Ten times voltage = 20 dB

Ten times power = 10 dB

Part of the difference in detecting signals in noise is that the ear is much more sensitive in the
'noise' region ~1-4 kHz than in the 'signal' region ~4-500 Hz.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Eddy Swynar wrote:
>
>
>
> On 2012-11-12, at 1:13 PM, Steve Flood wrote:
>
>>
>> >>?that 1 dB is a barely perceptible difference to the human ear. I assume that is 1 dB change in level
>> in the absence of appreciable noise competing with the sound (signal), since I will contend that
>> a fraction of a dB can be noticeable (and even meaningful) if the signal is at the noise floor.
>>
>> My question?.
>>
>> ?Does 1dB of RF, after making it?s way through all the RX and audio circuit, translate to 1dB of
>> audio power?
>>
>> I ran a little signal generator (fixed 50uV and 1uV outputs) through my Kay step attenuator and
>> into an antenna. While stepping down 1dB at a time and listening over the air on a receiver, I

>> really could not perceive a 1dB step that made a signal pop in/out of the noise. However, at a
>> 2dB step ? I could just perceive it.
>>
>> For whatever that?s worth, proper or improper test method aside?.
>>
>
> */
> /*
> */Hi Guys,/*
>
> If I recall correctly from my reading of an old */ELECTRONICS ILLUSTRATED/*magazine, *(A)*if you
> /DOUBLE/your power you've increased it by 3 db., and, *(B)* the point of /just noticeable
> increase/(aurally) occurs at 6 db.
>
> And a /TEN FOLD/increase in power translates to 10 db. ...
>
> "FWIW"...
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>
>
>

6745. On the tip of the tongue

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 20:47:55 UTC
From: Louis Vermond
Topic: 6745 Message: 6745
Attachments: 1 described; binary payloads are missing from this source WARC

What is the name of this material? "Plastic", semi-transparent, flexible...you know. What?

6746. Re: [AWA Group] On the tip of the tongue

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 20:59:39 UTC
From: ve7sl@shaw.ca
Topic: 6745 Message: 6746

phenolic?

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6747. Re: [AWA Group] On the tip of the tongue

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 21:03:08 UTC
From: Eddy Swynar
Topic: 6745 Message: 6747

On 2012-11-12, at 3:59 PM, <ve7sl@...> <ve7sl@...> wrote:

> phenolic?
>

Cellulite...? Styrene...?

~73~ de Eddy VE3CUI - VE3XZ

6748. Re: [AWA Group] On the tip of the tongue

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 21:04:35 UTC
From: Larry Szendrei
Topic: 6745 Message: 6748

On 11/12/12 3:59 PM, ve7sl@... wrote:
> phenolic?

When I think "phenolic," I think Bakelite, which is not transparent. Maybe there are other phenolics that are; I don't know.

Celluloid?

73,
-Larry/NE1S

6749. Re: [AWA Group] On the tip of the tongue

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 21:09:03 UTC
From: Louis Vermond
Topic: 6745 Message: 6749

Celluloid? That's it! Tks Larry. Two beers that one...

Tks Steve & Eddy...

6750. RE: [AWA Group] On the tip of the tongue

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 21:18:31 UTC
From: Mike Feher
Topic: 6745 Message: 6750

Yep - that is what I think it is. I just could not remember the name. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Monday, November 12, 2012 4:05 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] On the tip of the tongue

On 11/12/12 3:59 PM, ve7sl@... wrote:
> phenolic?

When I think "phenolic," I think Bakelite, which is not transparent. Maybe there are other phenolics that are; I don't know.

Celluloid?

73,
-Larry/NE1S

Yahoo! Groups Links

6751. [AWA Group] Re: Yikes...!!! also see

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 22:20:29 UTC
From: Don
Topic: 6681 Message: 6751

--- In AWAGroup@yahoogroups.com, Larry Szendrei <ne1s@...> wrote:
>
> On 11/12/12 9:06 AM, Don wrote:
> >
> > Interesting comments. Both of you. Powerwise I do get frustated. "I
> > get. "You're only S5 here" on AM and I cant help but think "SO ?!"
> >
> I guess if the person saying "you're only S-5 here" is simply stating a
> fact, I see no reason for you to get frustrated. If he has a noise floor
> commensurate with your S-5 signal, he's telling you he's having a rough
> time "copying." OTOH, if he's insinuating he wants to hear you like
> you're in the same room with him and doesn't want to bother with any
> signal that doesn't fully quiet the band noise, I can understand your
> frustration.
> >
> > My AM rigs at 60 watts and 18 watts (HB wooden radio) .
> >
> Plenty of power to make contacts withing a few hundred miles in the
> daytime on 80, 75, or 40M.
>
> > Any contact is a joy. My single tube Cw rig is less then either of
> > those and I am happy with the QSOs I made and sig reports I got. While
> > it is personal and I know it is just my opinion, I no longer care much
> > for hearing "Well I am running the legal limit here" when you can
> > almost hear the lights in the house dimming as they transmit.
> >
> I see no problem with that - they're the ones paying their power bill.
> To each his own; "live and let live," remember? I don't see how they are
> detracting from your enjoyment in any meaningful way. I run anywhere
> from 5W of carrier to the legal limit, depending on conditions, who I
> want to talk to, and the mood I'm in. Most of the time I run medium
> power, which for me is in the 30-200W of carrier range.
>
> > For me and it is just me I enjoy waiting for that night when
> > everything is just right and you warm up the tube a send only to hear
> > a faint reply just above the noise. I get really cranked then.
> >
> It's more than just you, Don. I can certainly identify with that.
>
> > And as far as noise if you haven't tried it, copyling on a 1 tube
> > regen on batteries is a real joy as you discover much of the noise you
> > were fighting was made right in you own commercial recvr's power
> > supply (and I dont care whose you have or how much you paid, tis still
> > true)
> > I guess tis flea power QSOs I enjoy.

> >
> Never used a one tube regen for a QSO, but I've used 3-tube ones (an
> "0V2" or a SW-3 (which is a "1V1.)" Also the RAL, "the ultimate regen,"
> which is (IIRC) 6 tubes plus power supply! As fas a flea power goes, I
> can also identify with your attraction to it. Like I said before: "to
> each his own," "it's all good."
>
> > I hate contests with a passion and enjoy just casual chats or small"
> > just for fun" nets.
> >
> The only contests I operate are some of the AWA ones, and they aren't
> nearly as competitive as some of the mainstream ones - they're more like
> "QSO parties." I also like the just for fun" (non-traffic handling) nets.
>
> > Like every Sunday morning a small group of us Ontario AMers chat for a
> > few minutes on 80M
> >
> I'll have to find and join you there sometime, that is, if you'll let
> someone join in who's south of the border ;-)
>
> > However I also realize I like what I like and others like what they
> > like. "Live and let live" is the best way I think.
> >
> "Live and let live" is pretty much my universal philosophy of life.
> >
> > I would though, if I were King, ban all contesting on weekends.
> > Fortunately for some of you ,I'm not. ;>)
> >
> Not me. I respect the right of people who enjoy that kind of thing to
> practice it. The only thing that irks me is when the contester ignors
> the non-contest QSOs in progress and lands on a frequency already in use
> with "CQ contest." Contest or no contest, we need to respect other's use
> of the spectrum - it goes both ways.
>
> 73,
> -Larry/NE1S

3725kc about 9am Sunday mornings. VE6PG is the driving force. We would be thrilled to have you. We usually have to wait for a group of SSBers to finish. They used to stop before 9 but have been going over a bit. You will hear Tim (VE6PG) first. ("anybody around, anybody around?)Usually all vintage rigs unless someone has a repair in progress. I am lowest in power. A couple are up around 300 Wts. Nice bunch of fellows.
Me I have been banging away on 7120kcs +or- with my Wooden Am rig from my downstairs homebrew shack. Not much luck but it is putting out so tis just a matter of time.
Don Ve3LYX
>

6752. UV-202 Specs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 23:23:36 UTC
From: Bill Stewart
Topic: 6752 Message: 6752

Can anyone tell me theplate voltage/current specs for the UV-202.

I have the fil . specs as 7.5vac @2.35 amps...that oughta glow nicely.

Thanks,

73 de Bill K4JYS

6753. Re: [AWA Group] UV-202 Specs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 23:49:25 UTC
From: Louis Vermond
Topic: 6752 Message: 6753
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

6754. Re: [AWA Group] UV-202 Specs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-12 23:52:47 UTC
From: Bill Stewart
Topic: 6752 Message: 6754
Attachments: 1 described; binary payloads are missing from this source WARC

Tnx Lou...Bill

----- Original Message -----

□

6755. Re: [AWA Group] Re: Yikes...!!! also see

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 00:08:39 UTC
From: Larry Szendrei
Topic: 6681 Message: 6755

On 11/12/12 5:20 PM, Don wrote:
>
> 3725kc about 9am Sunday mornings. VE6PG is the driving force. We would
> be thrilled to have you. We usually have to wait for a group of SSBers
> to finish. They used to stop before 9 but have been going over a bit.
> You will hear Tim (VE6PG) first. ("anybody around, anybody
> around?)Usually all vintage rigs unless someone has a repair in
> progress. I am lowest in power. A couple are up around 300 Wts. Nice
> bunch of fellows.
>
I'll plan on joining you this Saturday.

> Me I have been banging away on 7120kcs +or- with my Wooden Am rig from
> my downstairs homebrew shack. Not much luck but it is putting out so
> tis just a matter of time.
> Don Ve3LYX
>
When are you on? I can listen for you, but can't transmit AM there.
Could answer you on CW, tho.

73,
-Larry/NE1S
>

6756. Re: [AWA Group] Re: Yikes...!!! also see

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 00:18:51 UTC
From: Larry Szendrei
Topic: 6681 Message: 6756

On 11/12/12 7:08 PM, Larry Szendrei wrote:
>
> On 11/12/12 5:20 PM, Don wrote:
>>
>> 3725kc about 9am Sunday mornings. VE6PG is the driving force. We
>> would be thrilled to have you. We usually have to wait for a group of
>> SSBers to finish. They used to stop before 9 but have been going over
>> a bit. You will hear Tim (VE6PG) first. ("anybody around, anybody
>> around?)Usually all vintage rigs unless someone has a repair in
>> progress. I am lowest in power. A couple are up around 300 Wts. Nice
>> bunch of fellows.
>>
> I'll plan on joining you this Saturday.
Opps, that's Sunday.

6757. My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 01:18:34 UTC
From: Bauman, John
Topic: 6681 Message: 6757
Attachments: 6 described; binary payloads are missing from this source WARC

I completely tore down my 845 Hartley and rebuilt it using a #45 with Air Gap socket and National DX cap.

Photos attached.

Still need to power up and test.

John
KB7NRN

_____
Please visit ATI's all-new website: www.atimetals.com

6758. Re: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 04:25:43 UTC
From: ab9zg@ymail.com
Topic: 6681 Message: 6758

Looks good. Nothing like National DX condensers to lend an air of distinction to a project.

What provoked the change in tube type?

6759. RE: [EXTERNAL EMAIL] :[AWA Group] Re: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 04:41:38 UTC
From: Bauman, John
Topic: 6681 Message: 6759

Thanks Jon!

Why the change?...
First, I never could get the 845 Hartely to work. There was some arcing, which I couldn't see
but you could hear it on a receiver. I think it was the Hammarlund cap because it was there with a 211 and I swapped out all the fixed caps to no avail.

Second, the 845 was worth too much money, so I sold it. I can buy alot more parts and lower power tubes for what I got for it. I guess it's just the mercenary in me!

John
KB7NRN

_____
From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of ab9zg@... [ab9zg@...]
Sent: Monday, November 12, 2012 8:25 PM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :[AWA Group] Re: My new Hartley

Looks good. Nothing like National DX condensers to lend an air of distinction to a project.

What provoked the change in tube type?

6760. Re: [AWA Group] My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 11:49:45 UTC
From: Larry Szendrei
Topic: 6681 Message: 6760

On 11/12/12 8:18 PM, Bauman, John wrote:
>
> I completely tore down my 845 Hartley and rebuilt it using a #45 with
> Air Gap socket
> and National DX cap.
>
> Photos attached.
>
> Still need to power up and test.
>
> John
> KB7NRN
>

Let us know how it works, John. It sure looks pretty.

For some reason I've had better luck with higher-mu tubes in my Hartley - but when I made that observation it was all on 40M, so don't know if that holds for all bands. I could barely get it to oscillate on 40M with a '10, couldn't get a '45 to work at all, an 801 was better, but the 841 (mu = 30, IIRC) worked great. I used a circuit that required no RF choke: B+ is applied directly to the tank coil at the (adjustable) tap.

73,
-Larry/NE1S
>

6761. Re: [AWA Group] My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 12:20:09 UTC
From: N1BUG
Topic: 6681 Message: 6761

Nice, John. Nothing like an Air Gap socket and National type DX cap to spruce up a project!

Let us know how it works.

73,
Paul N1BUG

On 11/12/2012 08:18 PM, Bauman, John wrote:

I completely tore down my 845 Hartley and rebuilt it using a #45 with Air Gap socket and National DX cap.

6762. Re: [AWA Group] My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 12:52:53 UTC
From: Eddy Swynar
Topic: 6681 Message: 6762

On 2012-11-12, at 8:18 PM, Bauman, John wrote:

> I completely tore down my 845 Hartley and rebuilt it using a #45 with Air Gap socket
> and National DX cap.
>
> Photos attached.
>
> Still need to power up and test.
>
>
>

Hi John,

If it works as well as it looks, I'd say you definitely have a winner there...congratulations!

~73~ de Eddy VE3CUI - VE3XZ

6763. 1 tuber wont transmit through coax switch

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 16:29:10 UTC
From: Don
Topic: 6763 Message: 6763

This is going to sound weird but it is unfortunatley true.
This spring I finally broke down and bought a coax switch for my rigs. I inteded to operate the DX 60 on Am 80M and the one tube several of you have heard on air throuh the same antenna, my inverted L. I have been using the Dx60 quite a bit through the switch and a couple of days ago I was listening on 80 on my regen and decided to give a call. I turned on the 1 tuber waiting for the 50C6 to warm up and switced the coax switch. When I went to transmit no Rf light came on. Thats strange?! I checked for carrier with key down . Zip. Figuring I had blew a tube I dug through my NOS ones and found another. No joy. Last night I sat down with a meter and went through the whole circuit. Nothing blown, nothing open, all good. I powered it up. (it is a transformless radio) and hookedup my Dummy load. (Yes Leroy. it is a hundred watt light bulb) Pushed the key and the bulb gave a dim glow (about 10%) Pretty good I thought. I hooked the antenna on direc. No trouble. Checked all the connections, tightened any thumb screws that were suspicious and put it all back in the cabinet. I hooked it back up to the Daiwa coax switch and called CQ. Nothing. Didnt sound right. I put the light bulb dummy where the antenna had been . Nothing. I bypassed the coax switch and all was good. I check the switch with a meter. It had continutity when it should and worked as it should tried again. No joy. I took the switch apart. (I am a mechanic by profession. We are used to taking things apart.(and putting them back together)) Seemed pretty good inside. Tried again. Zip. It is now become a paper weight. Why it is so I am not sure but it is. Anyway I have a 3555kc rock installed so if any are up to some rusty CW you may hear me around. Meanwhile I am working on a modulator for the lil rig. Tis my favourite.
Don Ve3LYX

6764. RE: [EXTERNAL EMAIL] :Re: [AWA Group] My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 17:12:23 UTC
From: Bauman, John
Topic: 6681 Message: 6764

Larry and the group,
Thanks for the kind comments.
Not the conventional looking Hartley, kind of laid out opposite then most.

Yes, it's working pretty good on 40 mtrs. I cleaned off the operating bench and dug up a supply with
a 2.5v filament xformer. Hooked everything up and she fired right up. With 390vdc on the plate
and drawing about 45 mils it's putting out 5-6 watts with the link fully coupled. I need to build another supply with a bit less B+. Or I could use the Heathkit variable supply.

The note has some 60cy modulation but decoupling the link helps some.

I do need a higher wattage grid leak too. It gets a bit warm when testing.

So did I read in some other posts that a few members increased the grid leak to improve the note?
Mine is 10K @ 1w. I think I have a 25K, 5w resistor that might work.

I'll be winding 80 mtr coils and maybe even try for top band.

John
KB7NRN

Let us know how it works, John. It sure looks pretty.

For some reason I've had better luck with higher-mu tubes in my Hartley - but when I made that observation it was all on 40M, so don't know if that holds for all bands. I could barely get it to oscillate on 40M with a '10, couldn't get a '45 to work at all, an 801 was better, but the 841 (mu = 30, IIRC) worked great. I used a circuit that required no RF choke: B+ is applied directly to the tank coil at the (adjustable) tap.

73,
-Larry/NE1S

6765. Re: [EXTERNAL EMAIL] :Re: [AWA Group] My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 17:55:27 UTC
From: N1BUG
Topic: 6681 Message: 6765

So did I read in some other posts that a few members increased the grid leak to improve the note?

I have no idea how a '45 tube will behave, but...

With my UX-210 TNT rig, I started off with the 10K resistor called for in the original article. The note was rather rough. Adjusting the loading and plate voltage didn't seem to help much, or at least not as much as I would have liked. Somehow I accidentally hit upon the fact that the value of the grid leak affected the note. It took quite a bit of playing around to settle on a value, since there are several factors interacting. Eventually I arrived at somewhere around 50K producing the best note. I think I actually put a 47K in there.

From my notes:

With 10K the rig would load heavily and draw as much plate current as I dared run. But it always sounded rough and growly even with light loading.

Above 75K the rig wouldn't load heavily enough, drawing too little plate current and producing low output. It also was more prone to chirp.

Between 30K and 70K seemed to be a "sweet spot" with the best compromise between note and output. The difference in note throughout that range was slight.

Of course, results may vary! By the way, I tested with two different UX-210 tubes to be sure I wasn't optimizing for some peculiarity with a particular tube. Results were the same for both.

73,
Paul N1BUG

6766. [AWA Group] My New Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 18:35:56 UTC
From: Eddy Swynar
Topic: 6681 Message: 6766

Hi John,

You could do far, FAR worse than to read this little gem of a precursor on the operation of self-excited oscillator / transmitters, as was originally penned by none other than the ARRL's George Grammar:

http://www.antiquewireless.org/otb/rotten.htm

In fact, it's a good read at any time, & by anyone---even by us stalwart verterans of past 1929 QSO frays! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-13, at 12:12 PM, Bauman, John wrote:

>
> Larry and the group,
> Thanks for the kind comments.
>
> Not the conventional looking Hartley, kind of laid out opposite then most.
>
>
>
> Yes, it’s working pretty good on 40 mtrs. I cleaned off the operating bench and dug up a supply with
> a 2.5v filament xformer. Hooked everything up and she fired right up. With 390vdc on the plate
>
> and drawing about 45 mils it’s putting out 5-6 watts with the link fully coupled. I need to
>
> build another supply with a bit less B+. Or I could use the Heathkit variable supply.
>
>
>
> The note has some 60cy modulation but decoupling the link helps some.
>
> I do need a higher wattage grid leak too. It gets a bit warm when testing.
>
>
>
> So did I read in some other posts that a few members increased the grid leak to improve the note?
>
> Mine is 10K @ 1w. I think I have a 25K, 5w resistor that might work.
>

> I’ll be winding 80 mtr coils and maybe even try for top band.
>
>
>
> John
>
> KB7NRN
>
>
>
> ---
>
> Let us know how it works, John. It sure looks pretty.
>
> For some reason I've had better luck with higher-mu tubes in my Hartley - but when I made that observation it was all on 40M, so don't know if that holds for all bands. I could barely get it to oscillate on 40M with a '10, couldn't get a '45 to work at all, an 801 was better, but the 841 (mu = 30, IIRC) worked great. I used a circuit that required no RF choke: B+ is applied directly to the tank coil at the (adjustable) tap.
>
> 73,
> -Larry/NE1S
>
>
>
>
>
>

6767. RE: [EXTERNAL EMAIL] :Re: [AWA Group] My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 18:37:12 UTC
From: Bauman, John
Topic: 6681 Message: 6767

Thank Paul,
That's something to try. I'll have to dig through the junk boxes for some more resistor values to try.

John
KB7NRN

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Tuesday, November 13, 2012 9:55 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [EXTERNAL EMAIL] :Re: [AWA Group] My new Hartley

So did I read in some other posts that a few members increased the grid leak to improve the note?

I have no idea how a '45 tube will behave, but...

With my UX-210 TNT rig, I started off with the 10K resistor called for in the original article. The note was rather rough. Adjusting the loading and plate voltage didn't seem to help much, or at least not as much as I would have liked. Somehow I accidentally hit upon the fact that the value of the grid leak affected the note. It took quite a bit of playing around to settle on a value, since there are several factors interacting. Eventually I arrived at somewhere around 50K producing the best note. I think I actually put a 47K in there.

From my notes:

With 10K the rig would load heavily and draw as much plate current as I dared run. But it always sounded rough and growly even with light loading.

Above 75K the rig wouldn't load heavily enough, drawing too little plate current and producing low output. It also was more prone to chirp.

Between 30K and 70K seemed to be a "sweet spot" with the best compromise between note and output. The difference in note throughout that range was slight.

Of course, results may vary! By the way, I tested with two different UX-210 tubes to be sure I wasn't optimizing for some peculiarity with a particular tube. Results were the same for both.

73,
Paul N1BUG

6768. RE: [EXTERNAL EMAIL] :[AWA Group] My New Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 18:42:16 UTC
From: Bauman, John
Topic: 6681 Message: 6768

Eddy,
Yes sir, I've read that through a couple times over the years but thanks
for mentioning it again. I'll have to go over it to see if I missed anything.
It's been a while.

John
KB7NRN

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Tuesday, November 13, 2012 10:36 AM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :[AWA Group] My New Hartley

Hi John,

You could do far, FAR worse than to read this little gem of a precursor on the operation of self-excited oscillator / transmitters, as was originally penned by none other than the ARRL's George Grammar:

http://www.antiquewireless.org/otb/rotten.htm

In fact, it's a good read at any time, & by anyone---even by us stalwart verterans of past 1929 QSO frays! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

6769. Wire choice...colour

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-13 18:43:03 UTC
From: Louis Vermond
Topic: 6769 Message: 6769
Attachments: 2 described; binary payloads are missing from this source WARC

My conception of what is "period" may be too limited. My only means of judging what was available back then is modern (color) photographs of vintage (1920s) apparatus. Thus far, I have found relatively few clearly showing enameled wire, and I have seen only one color (plus/minus a bit of variation, but not much). That color has been elusive to find in any size larger than #16... so far.

Bugsy,

I've seen several original 1920/30s tanks wound on tubes using solid magnet wire. Pretty well looked as it does in the early 30s photo below.

Now, that's settled.

Lou

160 mtr coil/500 pfd cap

18 Ts of #12 ga. over 2.5" on 2.5" dia tube

6770. Re: [AWA Group] 1 tuber wont transmit through coax switch

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 11:38:38 UTC
From: Larry Szendrei
Topic: 6763 Message: 6770

On 11/13/12 11:29 AM, Don wrote:
>
> This is going to sound weird but it is unfortunatley true.
> This spring I finally broke down and bought a coax switch for my rigs.
> I inteded to operate the DX 60 on Am 80M and the one tube several of
> you have heard on air throuh the same antenna, my inverted L. I have
> been using the Dx60 quite a bit through the switch and a couple of
> days ago I was listening on 80 on my regen and decided to give a call.
> I turned on the 1 tuber waiting for the 50C6 to warm up and switced
> the coax switch. When I went to transmit no Rf light came on. Thats
> strange?! I checked for carrier with key down . Zip. Figuring I had
> blew a tube I dug through my NOS ones and found another. No joy. Last
> night I sat down with a meter and went through the whole circuit.
> Nothing blown, nothing open, all good. I powered it up. (it is a
> transformless radio) and hookedup my Dummy load. (Yes Leroy. it is a
> hundred watt light bulb) Pushed the key and the bulb gave a dim glow
> (about 10%) Pretty good I thought. I hooked the antenna on direc. No
> trouble. Checked all the connections, tightened any thumb screws that
> were suspicious and put it all back in the cabinet. I hooked it back
> up to the Daiwa coax switch and called CQ. Nothing. Didnt sound right.
> I put the light bulb dummy where the antenna had been . Nothing. I
> bypassed the coax switch and all was good. I check the switch with a
> meter. It had continutity when it should and worked as it should tried
> again. No joy. I took the switch apart. (I am a mechanic by
> profession. We are used to taking things apart.(and putting them back
> together)) Seemed pretty good inside. Tried again. Zip. It is now
> become a paper weight. Why it is so I am not sure but it is. Anyway I
> have a 3555kc rock installed so if any are up to some rusty CW you may
> hear me around. Meanwhile I am working on a modulator for the lil rig.
> Tis my favourite.
> Don Ve3LYX
>
> _
Don, that's a head-scratcher, for sure.

Does the coax switch still work with the DX-60? Is one or more ports shorted (center conductor to ground)?

I've got a SO-239 to male "N" adapter that is shorted internally. From what's visible, it looks fine, but it reads 0 ohms from center conductor to shell.

73,
-Larry/NE1S

6771. Re: [AWA Group] 1 tuber wont transmit through coax switch

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 12:56:33 UTC
From: Don
Topic: 6763 Message: 6771

--- In AWAGroup@yahoogroups.com, Larry Szendrei <ne1s@...> wrote:
>
> On 11/13/12 11:29 AM, Don wrote:
> >
> > This is going to sound weird but it is unfortunatley true.
> > This spring I finally broke down and bought a coax switch for my rigs.
> > I inteded to operate the DX 60 on Am 80M and the one tube several of
> > you have heard on air throuh the same antenna, my inverted L. I have
> > been using the Dx60 quite a bit through the switch and a couple of
> > days ago I was listening on 80 on my regen and decided to give a call.
> > I turned on the 1 tuber waiting for the 50C6 to warm up and switced
> > the coax switch. When I went to transmit no Rf light came on. Thats
> > strange?! I checked for carrier with key down . Zip. Figuring I had
> > blew a tube I dug through my NOS ones and found another. No joy. Last
> > night I sat down with a meter and went through the whole circuit.
> > Nothing blown, nothing open, all good. I powered it up. (it is a
> > transformless radio) and hookedup my Dummy load. (Yes Leroy. it is a
> > hundred watt light bulb) Pushed the key and the bulb gave a dim glow
> > (about 10%) Pretty good I thought. I hooked the antenna on direc. No
> > trouble. Checked all the connections, tightened any thumb screws that
> > were suspicious and put it all back in the cabinet. I hooked it back
> > up to the Daiwa coax switch and called CQ. Nothing. Didnt sound right.
> > I put the light bulb dummy where the antenna had been . Nothing. I
> > bypassed the coax switch and all was good. I check the switch with a
> > meter. It had continutity when it should and worked as it should tried
> > again. No joy. I took the switch apart. (I am a mechanic by
> > profession. We are used to taking things apart.(and putting them back
> > together)) Seemed pretty good inside. Tried again. Zip. It is now
> > become a paper weight. Why it is so I am not sure but it is. Anyway I
> > have a 3555kc rock installed so if any are up to some rusty CW you may
> > hear me around. Meanwhile I am working on a modulator for the lil rig.
> > Tis my favourite.
> > Don Ve3LYX
> >
> > _
> Don, that's a head-scratcher, for sure.
>
> Does the coax switch still work with the DX-60? Is one or more ports
> shorted (center conductor to ground)?
>
> I've got a SO-239 to male "N" adapter that is shorted internally. From
> what's visible, it looks fine, but it reads 0 ohms from center conductor
> to shell.
>
> 73,

> -Larry/NE1S
You know it is a head scratcher. There is no reason I can think of. I took it to the basement shack and installed it on my homebrew AM /regen screen modulated low power transceiver. I used it to switch antenna from tx to rx and it works fine there. I thought at first perhaps because the one tuber was AC/DC and the DX 60 was not that I was getting a sneak ground circuit that was bothering the screen voltage or something but when I tried it by itself it still wouldnt transmit through it. Someday when it is stormy , snowy and I am bored I will take the time to find out why. I know it is something really dumb and simple and not black magic or anything but it was crazy. I am just glad I found it. I really enjoy operating my lil Bare Essentails TX.
>Don
yes The DX 60 works fine with it.

6772. VE3LYX - Bare Essentials

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 14:14:01 UTC
From: Bill Stewart
Topic: 6772 Message: 6772
Attachments: 1 described; binary payloads are missing from this source WARC

Don, I saw in your post you are using the Bare Essentials rig. I also have one here using a 50C5. Works pretty well...a bit on the hummy side (maybe a T7 or T8) with a little chirp, but not bad for such a simple rig. I built mine after seeing an article in CQ mag. by Dave, K4TWJ (SK). I think the orig. article was from the late 1960s. Hopefully the pix will get through. I'll have to get it hooked up to an antenna and fire it up. GL with your mystery coax switch.
73 de Bill K4JYS

6773. RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 15:23:24 UTC
From: Bauman, John
Topic: 6681 Message: 6773

More progress.
Last night I swapped out the 10k 1w grid leak with a vintage Ohmite 25k 5w.
The kind that has a metal band with the value stamped on it.
The note only improved a little but the resistor just gets warm now not hot.
I switched to the Heathkit pwr sply and lowered the B+ down to 250vdc with
excellent results. I found that 230v was just about right. I can fully couple the
link with about 9w input and get 3w out with a real nice tone. 232v @ 38mA.
Of course there's a little chirp but not too bad.

Now I'll dig through the junk to find a suitable xformer for a dedicated pwr sply.
I think I have 350v, 100ma CT transformer that should work just fine.

One question: What is the best way to drop the filament voltage? I'm seeing
2.8v. My filament xformer is rated a 2.5v @ 5A but the tube draws only 1.5A so
it's not enough load to drop the voltage. As well, the AC line voltage is higher now
then when the xformer was made.

I was thinking of resistors in series with the AC line to the transformer...?

John
KB7NRN

6774. Grid leak?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 15:29:27 UTC
From: Louis Vermond
Topic: 6774 Message: 6774

GM,

With the TNT, a 10K leak is recommended to be used with a 210. What is the average resistance needed for a 201A?

Tks, Lou

17

6775. Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 15:40:17 UTC
From: Eddy Swynar
Topic: 6681 Message: 6775

Hi John,

I have successfully used variable resistors as grid leaks here---I simply listen to my signal & adjust the pot until I might hear what I like!

As for dropping filament voltage, you have two options: you can drop the voltage on the secondary side of the transformer, or on the primary side: do the math for both & see what might be the best practical option for you.

To calculate resistance, R = E divided by I, where "E" is the amount of voltage you want to DROP...

Then calculate the power rating of this resistor, through I = E (squared) x R.

In your case, placing the resistor on the secondary side, R = 0.3 volts divided by 1.5 amps, or, 0.2 ohms. This resistance would have to dissipate P = (1.5 x 1.5) x 0.3, or, 0.675 watts.

Best bet---with that small value of resistance---would be to use enamelled wire as a resistor, cut to the appropriate length & of a diameter big enough to handle the load.

You can always place the resistor in the primary side, too---just figure on the PERCENTAGE of voltage drop needed on the secondary, then extrapolate it into the primary side, against the normal supply voltage (you want to DROP this supply voltage to some value that will drop the secindary voltage down accordingly).

There---I hope that's reasonably clear & accurate, both! (I'm sure that the proof readers in our midst will be quick to point out my errors!).

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-14, at 10:23 AM, Bauman, John wrote:

>
> More progress.
> Last night I swapped out the 10k 1w grid leak with a vintage Ohmite 25k 5w.
>
> The kind that has a metal band with the value stamped on it.
> The note only improved a little but the resistor just gets warm now not hot.
> I switched to the Heathkit pwr sply and lowered the B+ down to 250vdc with
> excellent results. I found that 230v was just about right. I can fully couple the
> link with about 9w input and get 3w out with a real nice tone. 232v @ 38mA.
> Of course there’s a little chirp but not too bad.
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> Now I’ll dig through the junk to find a suitable xformer for a dedicated pwr sply.
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> One question: What is the best way to drop the filament voltage? I’m seeing
> 2.8v. My filament xformer is rated a 2.5v @ 5A but the tube draws only 1.5A so
> it’s not enough load to drop the voltage. As well, the AC line voltage is higher now
>
> then when the xformer was made.
>
> I was thinking of resistors in series with the AC line to the transformer…?
>
>
>
> John
>
> KB7NRN
>
>
>

6776. RE: [EXTERNAL EMAIL] :[AWA Group] Grid leak?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 15:48:21 UTC
From: Bauman, John
Topic: 6774 Message: 6776

Lou,
The article for the TNT states "R2- Grid Leak Resistor, 10,000 ohms. Any small resistor rated at 5 watts or more will do."
So, I guess whatever is close is gud enuf!

I have noticed in most TNT & Hartley articles, regardless of tube used, that the grid leak is default 10k.

John
KB7NRN

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, November 14, 2012 7:29 AM
To: AWAGroup
Subject: [EXTERNAL EMAIL] :[AWA Group] Grid leak?

GM,

With the TNT, a 10K leak is recommended to be used with a 210. What is the average resistance needed for a 201A?

Tks, Lou

6777. RE: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 15:57:04 UTC
From: Bauman, John
Topic: 6681 Message: 6777

Thanks Eddy!

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Wednesday, November 14, 2012 7:40 AM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Hi John,

I have successfully used variable resistors as grid leaks here---I simply listen to my signal & adjust the pot until I might hear what I like!

As for dropping filament voltage, you have two options: you can drop the voltage on the secondary side of the transformer, or on the primary side: do the math for both & see what might be the best practical option for you.

To calculate resistance, R = E divided by I, where "E" is the amount of voltage you want to DROP...

Then calculate the power rating of this resistor, through I = E (squared) x R.

In your case, placing the resistor on the secondary side, R = 0.3 volts divided by 1.5 amps, or, 0.2 ohms. This resistance would have to dissipate P = (1.5 x 1.5) x 0.3, or, 0.675 watts.

Best bet---with that small value of resistance---would be to use enamelled wire as a resistor, cut to the appropriate length & of a diameter big enough to handle the load.

You can always place the resistor in the primary side, too---just figure on the PERCENTAGE of voltage drop needed on the secondary, then extrapolate it into the primary side, against the normal supply voltage (you want to DROP this supply voltage to some value that will drop the secindary voltage down accordingly).

There---I hope that's reasonably clear & accurate, both! (I'm sure that the proof readers in our midst will be quick to point out my errors!).

~73~ de Eddy VE3CUI - VE3XZ

6778. Re: [AWA Group] 1 tuber wont transmit through coax switch

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 16:48:04 UTC
From: N1BUG
Topic: 6763 Message: 6778

Don,

Two things come to mind. I assume you are using coax between the switch and your rigs. Are you using the same piece of coax with the one tuber as for the other rigs? If not, check the coax (for open or shorts) or try a different one.

How long is the coax between the switch and the one tube rig? Do you know if the antenna is perfectly matched to the coax at the feed? What I'm getting at here is that if the SWR is not 1 to 1, there will be standing waves on the line. The actual SWR and reactance values will vary along the line. You might end up with a length of line that presents some impedance the rig doesn't like. Try changing the length of the coax (several feet if we are talking 40 meters?)

My TNT is happy with my 20, 30, 40, and 160 meter antennas but it does not much like my 80 meter antenna. Even with the series variable capacitor in the antenna lead it acts a bit squirrelly and doesn't want to load like it should. It is fine into a dummy load. The SWR isn't very high... about 1.6 or 1.7 to 1. Theoretically one should be able to get it fairly happy with the the series cap, but it doesn't quite work out that way. If I go a bit lower in the band where the SWR is close to 1 to 1 it is fine. Just an observation. By the way I have higher SWR on some of the other bands where it is perfectly happy. There's probably just some particular reactive component it doesn't like there. If I change the length of the coax it does get better or worse but is never truly happy with any length I have readily at hand.

73,
Paul N1BUG

6779. Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 17:20:52 UTC
From: Leonard Meek
Topic: 6681 Message: 6779

John, I use inrush current limiters on all my vintage transformers. They not only drop the input voltage to a level more like the original design voltage, but they protect the transformer from the startup surge as well. Other than that, a 0.2 ohm, 5W resistor should do it.

Leonard
----- Original Message -----
From: Bauman, John
To: 'AWAGroup@yahoogroups.com'
Sent: Wednesday, November 14, 2012 5:23 AM
Subject: [AWA Group] RE: My new Hartley

More progress.
Last night I swapped out the 10k 1w grid leak with a vintage Ohmite 25k 5w.

The kind that has a metal band with the value stamped on it.
The note only improved a little but the resistor just gets warm now not hot.
I switched to the Heathkit pwr sply and lowered the B+ down to 250vdc with
excellent results. I found that 230v was just about right. I can fully couple the
link with about 9w input and get 3w out with a real nice tone. 232v @ 38mA.
Of course there's a little chirp but not too bad.

Now I'll dig through the junk to find a suitable xformer for a dedicated pwr sply.
I think I have 350v, 100ma CT transformer that should work just fine.

One question: What is the best way to drop the filament voltage? I'm seeing
2.8v. My filament xformer is rated a 2.5v @ 5A but the tube draws only 1.5A so
it's not enough load to drop the voltage. As well, the AC line voltage is higher now

then when the xformer was made.

I was thinking of resistors in series with the AC line to the transformer.?

John

KB7NRN

6780. Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 18:56:29 UTC
From: KG4KGL
Topic: 6681 Message: 6780

I use a variac on all my tube audio gear. It allows me to dial up whatever line voltage is preferred.

73,

Robert
KG4KGL

On Nov 14, 2012, at 12:20, "Leonard Meek" <lemeek@...> wrote:

> John, I use inrush current limiters on all my vintage transformers. They not only drop the input voltage to a level more like the original design voltage, but they protect the transformer from the startup surge as well. Other than that, a 0.2 ohm, 5W resistor should do it.
>
> Leonard
> ----- Original Message -----
> From: Bauman, John
> To: 'AWAGroup@yahoogroups.com'
> Sent: Wednesday, November 14, 2012 5:23 AM
> Subject: [AWA Group] RE: My new Hartley
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> More progress.
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>
>

>
> John
>
> KB7NRN
>
>

6781. Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 20:03:55 UTC
From: Eddy Swynar
Topic: 6681 Message: 6781

Hi Guys,

Well, obviously I screwed-up in my calculations (didn't I tell you all beforehand that this was a TEST...?!). : >)

Let's do it all again...

On the secondary side of things in this instance, R = E divided by I, or, R = 0.3 volts divided by 1.5 amps = 0.2 ohms...

The minimum power dissipated in this resistance would be P = I (squared) x R, or, P = (1.5 x 15) x 0.2 = 0.45 watts.

So where you gonna find a 0.2 ohm resistor that'll handle 1.5 amps...? Simple: check the wire table in any ARRL HANDBOOK. Looking at my 1985 edition, #22 enamel wire will easily handle 5 amps in bundles---with a resistance of 16.46 ohms per 1000 feet of wire, 1 ohm of resistance translates to 60.7 feet. A resistance of 0.2 ohm equates to 12.15 feet of #22 wire (how am I doing so far, students...?!). You can scramble wind this readily enough around your non-conducting coil form of choice...remember that the finer the guage of the wire, the shorter it can be---but it has to be able to safely conduct 1.5 amps of continuos current.

Now, what if we we want to place a resistor in the primary side of the filament transformer...? Well, if the secondary shows 2.8 volts as opposed to the desired 2.5 volts, we need to somehow drop the voltage by 11%. Now, suppose the primary voltage is 120 VAC---we need to drop this by 11% too, down to 106.8 volts. Here's where it gets interesting: the secondary load of the transformer sees a power of 2.8 volts at 1.5 amps, or, 4.2 watts. That 4.2 watts will be present on the primary side, too. With 120 volts on this side of the transformer, the current flowing on this side of the transformer is I = P divided by E, or, 4.2 watts divided by 120 volts = 0.035 amps. But again, we want to drop 13.2 volts on the primary side--so we add a dropping resistor where R = E divided by I. or, R = 13.2 divided by 0.035 = 377 ohms.

The minimum power rating of this 377 ohm resistor is P = I (squared) x R, or, P = (0.035 x 0.035) X 377, or, P = 0.46 watts.

Does this all bear out accurately...? I'm doing it fast, on the fly, & it should really be second nature to me by now---but it's VERY easy to screw up, as can be seen in the afforementioned (and maybe even THIS) e-mail...!

Comments, please...!

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-14, at 10:40 AM, Eddy Swynar wrote:

> Hi John,
>

> I have successfully used variable resistors as grid leaks here---I simply listen to my signal & adjust the pot until I might hear what I like!
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> As for dropping filament voltage, you have two options: you can drop the voltage on the secondary side of the transformer, or on the primary side: do the math for both & see what might be the best practical option for you.
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> To calculate resistance, R = E divided by I, where "E" is the amount of voltage you want to DROP...
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> Then calculate the power rating of this resistor, through I = E (squared) x R.
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> In your case, placing the resistor on the secondary side, R = 0.3 volts divided by 1.5 amps, or, 0.2 ohms. This resistance would have to dissipate P = (1.5 x 1.5) x 0.3, or, 0.675 watts.
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> Best bet---with that small value of resistance---would be to use enamelled wire as a resistor, cut to the appropriate length & of a diameter big enough to handle the load.
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>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
> On 2012-11-14, at 10:23 AM, Bauman, John wrote:
>
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>> More progress.
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>> The kind that has a metal band with the value stamped on it.
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>> I was thinking of resistors in series with the AC line to the transformer…?
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>>
>>
>> John
>>
>> KB7NRN
>>
>>
>>
>

6782. RE: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 20:42:30 UTC
From: Bauman, John
Topic: 6681 Message: 6782

Eddy,
The math works for me but there was a typo... "P = (1.5 x 15) x 0.2 = 0.45 watts."
I know you ment P=(1.5 x 1.5)... otherwise the math don't work! :~)

I do like having the resistors on the AC line side to not only drop the voltage but act as inrush limiters like Leonard mentioned.

One more question: would it be a good idea to split the resistance and put a resistor on the hot and neut of the AC input?

John
KB7NRN

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
Sent: Wednesday, November 14, 2012 12:04 PM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Hi Guys,

Well, obviously I screwed-up in my calculations (didn't I tell you all beforehand that this was a TEST...?!). : >)

Let's do it all again...

On the secondary side of things in this instance, R = E divided by I, or, R = 0.3 volts divided by 1.5 amps = 0.2 ohms...

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13.2 volts on the primary side--so we add a dropping resistor where R = E divided by I. or, R = 13.2 divided by 0.035 = 377 ohms.

The minimum power rating of this 377 ohm resistor is P = I (squared) x R, or, P = (0.035 x 0.035) X 377, or, P = 0.46 watts.

Does this all bear out accurately...? I'm doing it fast, on the fly, & it should really be second nature to me by now---but it's VERY easy to screw up, as can be seen in the afforementioned (and maybe even THIS) e-mail...!

Comments, please...!

~73~ de Eddy VE3CUI - VE3XZ

6783. Re: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 20:47:49 UTC
From: Eddy Swynar
Topic: 6681 Message: 6783

On 2012-11-14, at 3:42 PM, Bauman, John wrote:

>
> one more question: would it be a good idea to split the resistance and put a resistor on
>
> the hot and neut of the AC input?
>
>
>

Hi John,

That's a good question...!

I'd like to know the answer to that one myself, having never installed a dropping resistor before on the primary side of any transformer (secondaries only, and NOT necessarily by design, either---that's just the way it happened!).

Anyone know thge answer to John's query...? If so, please advise for the benefit of BOTH of us!

~73~ de Eddy VE3CUI - VE3XZ

6784. Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 21:19:10 UTC
From: Garey Barrell
Topic: 6681 Message: 6784

Eddy -

Generally speaking, it's a BAD idea to put anything that can fail open in a neutral lead. The device
quits operating, but full AC power is still applied to everyplace else inside the unit. There is
nothing to be gained by splitting the voltage dropping resistor.

Why not use a bucking transformer and save power wasted as heat in anything resistive?

Thermistor (surge suppressor) devices that heatup and go DOWN in resistance when power is applied
are a good idea in older line powered equipment, giving a slow start AND a little voltage drop even
when hot.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Eddy Swynar wrote:
>
>
>
> On 2012-11-14, at 3:42 PM, Bauman, John wrote:
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> I'd like to know the answer to that one myself, having never installed a dropping resistor before
> on the /primary/side of any transformer (secondaries only, and /NOT/necessarily by design,
> either---that's just the way it happened!).
>

> Anyone know thge answer to John's query...? If so, please advise for the benefit of/BOTH/of us!
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>

6785. RE: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 21:37:50 UTC
From: Bauman, John
Topic: 6681 Message: 6785

Garey,
The resistors would only be in the hot & neut of the filament xformer ONLY
if I choose to go this route.

Also, I've seen current limiting resistors in schematics and installed on both
the hot & neut of the primary of power transformers and I wondered why
it was done.

Lastly, resistors are cheap and easy... compared to a bucking transformer,
which I don't have. They take up less space too. Wether one or two resistors,
which I have, they are real cheap and easy to install.

But to each his own...

John
KB7NRN

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Garey Barrell
[k4oah@...]
Sent: Wednesday, November 14, 2012 1:19 PM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Eddy -

Generally speaking, it's a BAD idea to put anything that can fail open in a neutral lead.
The device
quits operating, but full AC power is still applied to everyplace else inside the unit.
There is
nothing to be gained by splitting the voltage dropping resistor.

Why not use a bucking transformer and save power wasted as heat in anything resistive?

Thermistor (surge suppressor) devices that heatup and go DOWN in resistance when power is
applied
are a good idea in older line powered equipment, giving a slow start AND a little voltage
drop even
when hot.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Eddy Swynar wrote:
>
>
>
> On 2012-11-14, at 3:42 PM, Bauman, John wrote:
>
>>
>> one more question: would it be a good idea to split the resistance and put a resistor on
>>
>> the hot and neut of the AC input?
>>
>
>

6786. Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 22:07:29 UTC
From: Leonard Meek
Topic: 6681 Message: 6786

I use a Variac for initial light off but the inrush current limiters are permanently installed. On the plus side they're relatively cheap. On the down side they get quite hot and should have sufficient space to work in.

Leonard

----- Original Message -----
From: KG4KGL
To: AWAGroup@yahoogroups.com
Sent: Wednesday, November 14, 2012 8:56 AM
Subject: Re: [AWA Group] RE: My new Hartley

I use a variac on all my tube audio gear. It allows me to dial up whatever line voltage is preferred.

73,

Robert
KG4KGL

On Nov 14, 2012, at 12:20, "Leonard Meek" <lemeek@hawaiiantel.net> wrote:

John, I use inrush current limiters on all my vintage transformers. They not only drop the input voltage to a level more like the original design voltage, but they protect the transformer from the startup surge as well. Other than that, a 0.2 ohm, 5W resistor should do it.

Leonard
----- Original Message -----
From: Bauman, John
To: 'AWAGroup@yahoogroups.com'
Sent: Wednesday, November 14, 2012 5:23 AM
Subject: [AWA Group] RE: My new Hartley

More progress.
Last night I swapped out the 10k 1w grid leak with a vintage Ohmite 25k 5w.

The kind that has a metal band with the value stamped on it.
The note only improved a little but the resistor just gets warm now not hot.
I switched to the Heathkit pwr sply and lowered the B+ down to 250vdc with
excellent results. I found that 230v was just about right. I can fully couple the
link with about 9w input and get 3w out with a real nice tone. 232v @ 38mA.
Of course there’s a little chirp but not too bad.

Now I’ll dig through the junk to find a suitable xformer for a dedicated pwr sply.
I think I have 350v, 100ma CT transformer that should work just fine.

One question: What is the best way to drop the filament voltage? I’m seeing 2.8v. My filament xformer is rated a 2.5v @ 5A but the tube draws only 1.5A so it’s not enough load to drop the voltage. As well, the AC line voltage is higher now

then when the xformer was made.

I was thinking of resistors in series with the AC line to the transformer…?

John

KB7NRN

6787. Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 22:14:58 UTC
From: Leonard Meek
Topic: 6681 Message: 6787

Mouser has 0.2 ohm, 5W cement resistors for $0.39 ea. That's probably less than the wire costs.
----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: Wednesday, November 14, 2012 10:03 AM
Subject: Re: [AWA Group] RE: My new Hartley

Hi Guys,

Well, obviously I screwed-up in my calculations (didn't I tell you all beforehand that this was a TEST...?!). : >)

Let's do it all again...

On the secondary side of things in this instance, R = E divided by I, or, R = 0.3 volts divided by 1.5 amps = 0.2 ohms...

The minimum power dissipated in this resistance would be P = I (squared) x R, or, P = (1.5 x 15) x 0.2 = 0.45 watts.

So where you gonna find a 0.2 ohm resistor that'll handle 1.5 amps...? Simple: check the wire table in any ARRL HANDBOOK. Looking at my 1985 edition, #22 enamel wire will easily handle 5 amps in bundles---with a resistance of 16.46 ohms per 1000 feet of wire, 1 ohm of resistance translates to 60.7 feet. A resistance of 0.2 ohm equates to 12.15 feet of #22 wire (how am I doing so far, students...?!). You can scramble wind this readily enough around your non-conducting coil form of choice...remember that the finer the guage of the wire, the shorter it can be---but it has to be able to safely conduct 1.5 amps of continuos current.

Now, what if we we want to place a resistor in the primary side of the filament transformer...? Well, if the secondary shows 2.8 volts as opposed to the desired 2.5 volts, we need to somehow drop the voltage by 11%. Now, suppose the primary voltage is 120 VAC---we need to drop this by 11% too, down to 106.8 volts. Here's where it gets interesting: the secondary load of the transformer sees a power of 2.8 volts at 1.5 amps, or, 4.2 watts. That 4.2 watts will be present on the primary side, too. With 120 volts on this side of the transformer, the current flowing on this side of the transformer is I = P divided by E, or, 4.2 watts divided by 120 volts = 0.035 amps. But again, we want to drop 13.2 volts on the primary side--so we add a dropping resistor where R = E divided by I. or, R = 13.2 divided by 0.035 = 377 ohms.

The minimum power rating of this 377 ohm resistor is P = I (squared) x R, or, P = (0.035 x 0.035) X 377, or, P = 0.46 watts.

Does this all bear out accurately...? I'm doing it fast, on the fly, & it should really be second nature to me by now---but it's VERY easy to screw up, as can be seen in the afforementioned (and maybe even THIS) e-mail...!

Comments, please...!

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-14, at 10:40 AM, Eddy Swynar wrote:

Hi John,

I have successfully used variable resistors as grid leaks here---I simply listen to my signal & adjust the pot until I might hear what I like!

As for dropping filament voltage, you have two options: you can drop the voltage on the secondary side of the transformer, or on the primary side: do the math for both & see what might be the best practical option for you.

To calculate resistance, R = E divided by I, where "E" is the amount of voltage you want to DROP...

Then calculate the power rating of this resistor, through I = E (squared) x R.

In your case, placing the resistor on the secondary side, R = 0.3 volts divided by 1.5 amps, or, 0.2 ohms. This resistance would have to dissipate P = (1.5 x 1.5) x 0.3, or, 0.675 watts.

Best bet---with that small value of resistance---would be to use enamelled wire as a resistor, cut to the appropriate length & of a diameter big enough to handle the load.

You can always place the resistor in the primary side, too---just figure on the PERCENTAGE of voltage drop needed on the secondary, then extrapolate it into the primary side, against the normal supply voltage (you want to DROP this supply voltage to some value that will drop the secindary voltage down accordingly).

There---I hope that's reasonably clear & accurate, both! (I'm sure that the proof readers in our midst will be quick to point out my errors!).

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-14, at 10:23 AM, Bauman, John wrote:

More progress.
Last night I swapped out the 10k 1w grid leak with a vintage Ohmite 25k 5w.

The kind that has a metal band with the value stamped on it.
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I switched to the Heathkit pwr sply and lowered the B+ down to 250vdc with excellent results. I found that 230v was just about right. I can fully couple the link with about 9w input and get 3w out with a real nice tone. 232v @ 38mA.
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I think I have 350v, 100ma CT transformer that should work just fine.

One question: What is the best way to drop the filament voltage? I’m seeing 2.8v. My filament xformer is rated a 2.5v @ 5A but the tube draws only 1.5A so it’s not enough load to drop the voltage. As well, the AC line voltage is higher now

then when the xformer was made.

I was thinking of resistors in series with the AC line to the transformer…?

John

KB7NRN

6788. Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 23:09:27 UTC
From: Garey Barrell
Topic: 6681 Message: 6788

John -

Obviously resistors in the secondary of the transformer present no risk, since both are isolated
from ground. The only reason I can think of for splitting the resistor would be for mechanical
considerations, or possibly if the secondary is grounded and hum balance was a concern.

I can think of absolutely NO 'good' reason to split a primary resistance though. It certainly makes
no difference electrically, and the chance of a failure (Murphy!) can be a serious problem.

Aside from conservation (think 'GREEN!' [yikes]) the main advantage of the external bucking transformer is that there are no internal modifications necessary..

As you say, it's not a 'law'! (yet...) :-)

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Bauman, John wrote:
> Garey,
> The resistors would only be in the hot & neut of the filament xformer ONLY
> if I choose to go this route.
>
> Also, I've seen current limiting resistors in schematics and installed on both
> the hot & neut of the primary of power transformers and I wondered why
> it was done.
>
> Lastly, resistors are cheap and easy... compared to a bucking transformer,
> which I don't have. They take up less space too. Wether one or two resistors,
> which I have, they are real cheap and easy to install.
>
> But to each his own...
>
> John
> KB7NRN
>
> _____
> From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Garey Barrell
[k4oah@...]
> Sent: Wednesday, November 14, 2012 1:19 PM
> To: AWAGroup@yahoogroups.com

> Subject: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley
>
>
>
> Eddy -
>
> Generally speaking, it's a BAD idea to put anything that can fail open in a neutral lead. The device
> quits operating, but full AC power is still applied to everyplace else inside the unit. There is
> nothing to be gained by splitting the voltage dropping resistor.
>
> Why not use a bucking transformer and save power wasted as heat in anything resistive?
>
> Thermistor (surge suppressor) devices that heatup and go DOWN in resistance when power is applied
> are a good idea in older line powered equipment, giving a slow start AND a little voltage drop even
> when hot.
>
> 73, Garey - K4OAH
> Glen Allen, VA
>
> Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
> and TR-4/C Service Supplement CDs
> <www.k4oah.com>
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> Eddy Swynar wrote:
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>> On 2012-11-14, at 3:42 PM, Bauman, John wrote:
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>>> one more question: would it be a good idea to split the resistance and put a resistor on
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>>> the hot and neut of the AC input?
>>>

6789. Grid leak? KB7NRN

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-14 23:16:31 UTC
From: Louis Vermond
Topic: 6789 Message: 6789
Attachments: 1 described; binary payloads are missing from this source WARC

The article for the TNT states "R2- Grid Leak Resistor, 10,000 ohms. Any small resistor rated at 5 watts or more will do." So, I guess whatever is close is gud enuf!

I have noticed in most TNT & Hartley articles, regardless of tube used, that the grid leak is default 10k.

Thank you, John.

In one of the ARRL TNT articles it says that if a 245 is to be used, the GL should be 20K. That lead me to ask...

Jim, VE3BHK will be on the Kelley using my TNT. Jim has a soft spot for the UX-201A so that's what he'll be running. Having never used a 201 in that rig, he and I have some testing to do. Oh the burden of it all...

73, Lou

Dusty, maybe a UV-201A would be more, Up Town?

6790. MOPA & Hartley...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-15 01:43:14 UTC
From: ve7sl@shaw.ca
Topic: 6789 Message: 6790

Pictures of KK7UV's new MOPA (245 driving an 865) along with KB7NRN's new 45 Hartley have just been added to my '29 web page gallery.....rigs #47 and #48! Congrats to Steve and John for two more examples of superb craftsmanship....these things just keep better and better.

..can the BK be far away with all of this new construction? Hopefully everyone is busy winding their 160m coils for weekend #2....it doesn't have to be pretty as long as it resonates and loads up! Coil winding info can be found in the 'files' section on the group site.

Steve / 73

WEB - '29 Rigs' : http://members.shaw.ca/ve7sl/tnt.html

6791. Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 01:58:28 UTC
From: N1BUG
Topic: 6791 Message: 6791
Attachments: 2 described; binary payloads are missing from this source WARC

I finally finished the mini-project. It is nothing more than a series antenna condenser with an RF ammeter.

Obvious cheat and blatant attempt at cover up on the Cardwell ! Oh, the shame...

The dual range meter is perfect for present and anticipated future needs. While it was out there in 1929 it's not likely any builder back then could have got his hands on one. :)

73,
Paul N1BUG

6792. RE: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 03:45:57 UTC
From: Steve Flood
Topic: 6791 Message: 6792

Paul - that is nice work. I am planning to doll up my own version here. I assume your gator clips are for swapping series and parallel configuration?

Steve, KK7UV

6793. Re: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 11:58:49 UTC
From: N1BUG
Topic: 6791 Message: 6793

On 11/15/2012 10:45 PM, Steve Flood wrote:

Paul – that is nice work. I am planning to doll up my own version here. I assume your gator clips are for swapping series and parallel configuration?

Thanks Steve. I hope you'll provide a picture of yours when completed. The gator clip attached to the meter switches between the 1 and 4 amp ranges. There are two separate thermocouples inside. It is on the 1 amp position in the photo. Moving it to the unused post in the photo selects the 4 amp range. The other gator clip connects the .001 fixed condenser in parallel with the Cardwell variable for use on 160 meters. I think the need for that could be eliminated by using an antenna link with more turns on the transmitter.

By the way, dial pointers are now in stock. ;-) I mass produced a batch while working on this little project.

73,
Paul N1BUG

6794. Re: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 12:44:38 UTC
From: Larry Szendrei
Topic: 6791 Message: 6794

On 11/15/12 8:58 PM, N1BUG wrote:
>
> I finally finished the mini-project. It is nothing more than a series
> antenna condenser with an RF ammeter.
>
> Obvious cheat and blatant attempt at cover up on the Cardwell ! Oh,
> the shame...
>
> The dual range meter is perfect for present and anticipated future
> needs. While it was out there in 1929 it's not likely any builder back
> then could have got his hands on one. :)
>
Paul,

Great minds think alike!

My series-link air variable is also "outboard," as I have multiple link-coupled transmitters. I included a 5-position double-ganged switch to conveniently switch between them. I used a 3-gang air variable from a late 1920s AMBC set with all 3 gangs in ||. Also have a 0.001 mica on banana plugs which is added for 160M operation. Besides conserving air variables, it allowed a smaller footprint for the various rigs that share this "accessory," as shelf space is at a premium.

Alas, I had no thermocouple RF ammeter to include.

I am interested in one of your pointers, no that you have mass-produced them ;-) Please send a private email with your "terms."

73,
-Larry/NE1S

6795. Wanted: Dual Cardwells

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 13:02:12 UTC
From: steve
Topic: 6795 Message: 6795

Looking for one each: Type 205B (dual 100pF/5 plates) and 156B (dual 500pF/21 plates).

Thanks,
Steve KK7UV

6796. Re: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 13:27:36 UTC
From: N1BUG
Topic: 6791 Message: 6796

On 11/16/2012 07:44 AM, Larry Szendrei wrote:

Great minds think alike!

My series-link air variable is also "outboard," as I have multiple link-coupled transmitters. I included a 5-position double-ganged switch to conveniently switch between them. I used a 3-gang air variable from a late 1920s AMBC set with all 3 gangs in ||. Also have a 0.001 mica on banana plugs which is added for 160M operation. Besides conserving air variables, it allowed a smaller footprint for the various rigs that share this "accessory," as shelf space is at a premium.

I guess great minds really do think alike, Larry!

When I first conceived this little device, I was also thinking multiple link-coupled transmitters. My plans have evolved somewhat since then, although I must admit I still hear the Type DX condensers whispering "Hull Hartley!" in the dead of night! I'm doing my best to ignore them. But I'm now planning (and have most of the parts for) two PA stages to follow the TNT, so having this "outboard" still makes sense. Shelf space is going to be at a premium here too. And yep, that's a .001 mica to facilitate 160M operation. I considered the banana plug approach, but decided the lazy builder clip method is also 1929 compliant. ;-)

73,
Paul N1BUG

6797. Re: [AWA Group] Wanted: Dual Cardwells

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 14:16:32 UTC
From: Louis Vermond
Topic: 6795 Message: 6797

No photo here, Steve. Lou

----- Original Message -----
From: steve
To: AWAGroup@yahoogroups.com
Sent: 2012-11-16 8:02 AM
Subject: [AWA Group] Wanted: Dual Cardwells

Looking for one each: Type 205B (dual 100pF/5 plates) and 156B (dual 500pF/21 plates).

Thanks,
Steve KK7UV

6798. Re: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 14:33:09 UTC
From: steve
Topic: 6791 Message: 6798

I am going to experiment with indirect coupling of the meter.

I have a Weston thermo-milliammeter in series with the output lead on my MOPA. I had to make it removeable because the meter makes the note a little rough and chirpy during operation. It works great for tune-up, but then I simply replace the meter with a shorting bar while operating.

For the outboard series-cap tuner for my TNT (and future rigs), I thought I'd wind a "many-turn" coupling coil out of magnet wire that is wound around the output lead.

- 7UV

6799. Re: [AWA Group] Wanted: Dual Cardwells

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 14:59:57 UTC
From: KG4KGL
Topic: 6795 Message: 6799

Now?

73,

Robert
KG4KGL

On Nov 16, 2012, at 8:02, "steve" <kk7uv@bresnan.net> wrote:

>
>
> Looking for one each: Type 205B (dual 100pF/5 plates) and 156B (dual 500pF/21 plates).
>
> Thanks,
> Steve KK7UV
>
>

6800. Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 15:56:54 UTC
From: Eddy Swynar
Topic: 6681 Message: 6800

Hi John,

Did you ever decide upon anything re. lowering the voltage of that filament transformer...?

The reason I ask is that coincidentally, yesterday afternoon I was thumbing through my 1965 edition of the ARRL's "HINTS & KINKS", & lo & behold there's a VERY neat kink on using a robust 6.3 VAC centre-tapped filament transformer as either a "buck, OR a "boost", to anything that might require 120 VAC on the primary side of things...

Very neat!

I immediately thought of you.

~73~ de Eddy VE3CUI - VE3XZ

6801. Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 16:12:50 UTC
From: N1BUG
Topic: 6681 Message: 6801

On 11/16/2012 10:56 AM, Eddy Swynar wrote:

yesterday afternoon I was thumbing through my 1965 edition of the ARRL's "HINTS & KINKS", & lo & behold there's a VERY neat kink on using a robust 6.3 VAC centre-tapped filament transformer as either a "buck, OR a "boost", to anything that might require 120 VAC on the primary side of things..

Hi Eddy,

That old trick works like a charm. 25 years ago I used a 12.6V 20-ish amp transformer to buck/boost the 120V primary of a power transformer in a high voltage power supply. I had it wired so I could swap between the boost and buck configurations with a switch. IIRC buck gave me a final DC voltage of ~2200V and boost ~2800V. That whole amplifier (144 MHz) was one of the ugliest looking things I ever did build, but it sure worked.

73,
Paul N1BUG

6802. Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 16:18:12 UTC
From: Eddy Swynar
Topic: 6681 Message: 6802

On 2012-11-16, at 11:12 AM, N1BUG wrote:

> On 11/16/2012 10:56 AM, Eddy Swynar wrote:
>> yesterday afternoon I was thumbing through my 1965 edition of the ARRL's "HINTS & KINKS", & lo & behold there's a VERY neat kink on using a robust 6.3 VAC centre-tapped filament transformer as either a "buck, OR a "boost", to anything that might require 120 VAC on the primary side of things..
>
> Hi Eddy,
>
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>
>

Hi Paul,

Funny you should mention that...

You've just reminded me of the time when I did something very similar, in order to reduce the final supply voltage to a 4x811A amplifier that I built (this was WAY back in the mid / late 70's).

The final thing was NOT especially of "eye candy" quality, but it did, indeed, do the job.

~73~ de Eddy VE3CUI - VE3XZ
>
>

6803. Re: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 16:26:21 UTC
From: N1BUG
Topic: 6791 Message: 6803

On 11/16/2012 09:33 AM, steve wrote:

I have a Weston thermo-milliammeter in series with the output lead on my MOPA. I had to make it removeable because the meter makes the note a little rough and chirpy during operation. It works great for tune-up, but then I simply replace the meter with a shorting bar while operating.

Very interesting Steve. I'm glad you mentioned that. Formerly I was using that same model/range Weston thermo-milliammeter with the TNT. I'm not sure I ever tried removing it to see if it had any affect on the note! I will give that a try with the new Jewell/Eastman meter. If it does have any adverse affect, perhaps just moving the clip to the output side of the meter (thus bypassing it) will be enough to clear things up.

73,
Paul N1BUG

6804. RE: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 16:47:50 UTC
From: Steve Flood
Topic: 6791 Message: 6804

moving the clip to the output side of the meter (thus bypassing it) will be enough to clear things up.

Brilliant, and simple.

6805. Fw: no Cardwell photo

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 17:06:39 UTC
From: Louis Vermond
Topic: 6805 Message: 6805
Attachments: 1 described; binary payloads are missing from this source WARC

Uh-oh. Wonder why my photo doesn't show up. How do you post photos in your AWAGroup messages? KK7UV

Using Outlook Express.

I address the E to the Group. Hit, "Insert". Choose, "Picture". Click on, "Browse". Go to a file. Double click on an image. Hit, "OK." Image appears in letter. Send E.

Warming up for the Kelley...
15

6806. RE: [AWA Group] Fw: no Cardwell photo

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 17:09:14 UTC
From: David Eppert
Topic: 6805 Message: 6806
Attachments: 1 described; binary payloads are missing from this source WARC

I saw the photo this morning on my iphone but not on my workstation.

David VE7EPP

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, November 16, 2012 9:07 AM
To: AWAGroup
Cc: KK7UV/AWA
Subject: [AWA Group] Fw: no Cardwell photo

Uh-oh. Wonder why my photo doesn't show up. How do you post photos in your AWAGroup messages? KK7UV

Using Outlook Express.

I address the E to the Group. Hit, "Insert". Choose, "Picture". Click on, "Browse". Go to a file. Double click on an image. Hit, "OK." Image appears in letter. Send E.

Warming up for the Kelley...

15

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.2221 / Virus Database: 2629/5398 - Release Date: 11/16/12

6807. Re: [AWA Group] Fw: no Cardwell photo

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 17:20:30 UTC
From: Larry Szendrei
Topic: 6805 Message: 6807

On 11/16/12 12:09 PM, David Eppert wrote:
>
> I saw the photo this morning on my iphone but not on my workstation.
>
> David VE7EPP
>
Steve's Cardwell photo showed up fine on my 'pooter here (Mac running
OSX Lion, Thunderbird).

-Larry

6808. Re: [AWA Group] Fw: no Cardwell photo

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 17:24:21 UTC
From: N1BUG
Topic: 6805 Message: 6808

Steve's Cardwell photo showed up fine on my 'pooter here (Mac running OSX Lion, Thunderbird).

The plot thickens! Mystery: the Cardwell photo did not show up here, running Thunderbird on Kubuntu linux 11.10.

Paul

6809. RE: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 17:40:23 UTC
From: Bauman, John
Topic: 6681 Message: 6809
Attachments: 2 described; binary payloads are missing from this source WARC

No I haven't Eddy.
I've been working on my Canadian Marconi CP34 manpack radio (aka PRC-514).
Just received the original code key from Conception R.B. out of Quebec and am
in the process of adding the side tone mod per the service manual.

Will get back to the Hartley once I get the CP34 back on line.
For those who are curious to know what a CP34 is and looks like, it's an xtal controlled
SSB/AM/CW, 10 or 20 watt, battery powered, manpack radio from the mid '70s. Not
really oldtymie but it's a fun radio to play with. It was ment to compete against the
Spilsbury SBX-11 bush radio and have military application too. I built a DDS VFO to
drive the xtal HF osc. for frquency agility. See attached photo. I'm running it on 80,
60 & 40 mtrs.

Eddy, can you scan the buck-boost article and email it to me?
Thanks,
John
KB7NRN

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Eddy Swynar
[deswynar@...]
Sent: Friday, November 16, 2012 7:56 AM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Hi John,

Did you ever decide upon anything re. lowering the voltage of that filament transformer...?

The reason I ask is that coincidentally, yesterday afternoon I was thumbing through my 1965
edition of the ARRL's "HINTS & KINKS", & lo & behold there's a VERY neat kink on using a
robust 6.3 VAC centre-tapped filament transformer as either a "buck, OR a "boost", to
anything that might require 120 VAC on the primary side of things...

Very neat!

I immediately thought of you.

~73~ de Eddy VE3CUI - VE3XZ

6810. Re: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 18:21:15 UTC
From: Eddy Swynar
Topic: 6681 Message: 6810

On 2012-11-16, at 12:40 PM, Bauman, John wrote:

>
> Eddy, can you scan the buck-boost article and email it to me?
>
>

Hi John,

Well, I'll certainly try---but unfortunately I won't be able to do it until the weekend (I left the book in the car, & the XYL took it to work this morning!)...

~73~ de Eddy VE3CUI - VE3XZ

6811. Re: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 18:46:32 UTC
From: Leonard Meek
Topic: 6681 Message: 6811
Attachments: 1 described; binary payloads are missing from this source WARC

Ed, this is how we used to do it:
----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: Friday, November 16, 2012 8:21 AM
Subject: Re: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

On 2012-11-16, at 12:40 PM, Bauman, John wrote:

Eddy, can you scan the buck-boost article and email it to me?

Hi John,

Well, I'll certainly try---but unfortunately I won't be able to do it until the weekend (I left the book in the car, & the XYL took it to work this morning!)...

~73~ de Eddy VE3CUI - VE3XZ

6812. Wanted: Dual Cardwells. With photo

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 19:41:25 UTC
From: Steve Flood
Topic: 6812 Message: 6812
Attachments: 1 described; binary payloads are missing from this source WARC

Looking for one each: Type 205B (dual 100pF/5 plates) and 156B (dual 500pF/21 plates).

Thanks,
Steve KK7UV

This was sent via Outlook with html turned on as instructed. Hope the photo is there. My original mailing was composed in the YahooGroup page.

6813. Fwd: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 20:17:38 UTC
From: Eddy Swynar
Topic: 6813 Message: 6813
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Leonard,

That's pretty much it, alright, only the "HINTS & KINKS" piece utilized a centre-tapped 6.3 volt filament transformers & two rotary switches that allowed one the convenience of several steps in bucking / boosting...in other words, just an enhanced "deluxe"(!) version of what you have here...

I'll try & scan that piece on the weekend & post it here, unless someone beats me to the punch first (it was the 1965 edition)...

~73~ de Eddy VE3CUI - VE3XZ

> Ed, this is how we used to do it:
> __._,_.
>
>

6814. testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 21:13:47 UTC
From: N1BUG
Topic: 6814 Message: 6814

I just fired up the TNT. I want to make sure all is well with the new power supply, antenna condenser circuit, etc. well in advance of the BK! I spent about half an hour wondering why it sounded a lot more growly than I remembered. Problems with the new power supply? Oh no! Then I realized when I rested my arm on the desk I could feel a very slight vibration! Huh? Then I remembered that blower on the big rig I've been meaning to clean the dust out of, because it's slightly off balance! Turning that off solved the growl problem. I'm getting the usual 6 to 7 watts out but I'm still not happy with having to put the antenna link at maximum coupling to have much of any output at all on 80 meters. Oh well. Nature of the beast, I guess.

Anyway... I'm not quite sure about availability later this evening, but if possible I will put out a few calls at 7 and/or 8 PM eastern, first hole I find above 3550 Kc. I still have no proper means of isolating the rig from keying vibration, so I will be holding the key off the desk. Don't expect perfect keying. :) I sure hope I get that issue sorted out before the BK! This is not a comfortable way to operate!

73,
Paul N1BUG

6815. testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 21:45:54 UTC
From: Louis Vermond
Topic: 6814 Message: 6815
Attachments: 2 described; binary payloads are missing from this source WARC

Anyway... I'm not quite sure about availability later this evening, but if possible I will put out a few calls at 7 and/or 8 PM eastern, first hole I find above 3550 Kc.

I'll look for you both of those times. Lou

6816. Re: [AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 21:49:53 UTC
From: Roger Kuchera
Topic: 6814 Message: 6816
Attachments: 2 described; binary payloads are missing from this source WARC

Looks like QLF!

Roger.

--- On Fri, 11/16/12, Louis Vermond <ldvermond@sympatico.ca> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] testing tonight
To: AWAGroup@yahoogroups.com
Date: Friday, November 16, 2012, 4:45 PM

Anyway... I'm not quite sure about availability later this evening, but if possible I will put out a few calls at 7 and/or 8 PM eastern, first hole I find above 3550 Kc.

I'll look for you both of those times. Lou

6817. RE: [EXTERNAL EMAIL] :[AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 21:51:01 UTC
From: Bauman, John
Topic: 6814 Message: 6817
Attachments: 1 described; binary payloads are missing from this source WARC

"so I will be holding the key off the desk. Don't expect perfect keying.... This is not a comfortable way to operate!"

Paul, you need a "leg key" the 'ol pilots used.

6818. Re: [AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 21:51:43 UTC
From: Louis Vermond
Topic: 6814 Message: 6818
Attachments: 2 described; binary payloads are missing from this source WARC

Looks like QLF!

Quite Laughable Fellows? What?
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2012-11-16 4:49 PM
Subject: Re: [AWA Group] testing tonight

Looks like QLF!

Roger.

--- On Fri, 11/16/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] testing tonight
To: AWAGroup@yahoogroups.com
Date: Friday, November 16, 2012, 4:45 PM

Anyway... I'm not quite sure about availability later this evening, but if possible I will put out a few calls at 7 and/or 8 PM eastern, first hole I find above 3550 Kc.

I'll look for you both of those times. Lou

6819. Re: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 21:58:37 UTC
From: Leonard Meek
Topic: 6681 Message: 6819

Ed, we used to use this hookup (boost) to run 220V A/C units on 208V. Work fine, last a long time.

Leonard

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: Friday, November 16, 2012 10:17 AM
Subject: Fwd: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley

Hi Leonard,

That's pretty much it, alright, only the "HINTS & KINKS" piece utilized a centre-tapped 6.3 volt filament transformers & two rotary switches that allowed one the convenience of several steps in bucking / boosting...in other words, just an enhanced "deluxe"(!) version of what you have here...

I'll try & scan that piece on the weekend & post it here, unless someone beats me to the punch first (it was the 1965 edition)...

~73~ de Eddy VE3CUI - VE3XZ

Ed, this is how we used to do it:

Hi Leonard,

That's pretty much it, alright, only the "HINTS & KINKS" piece utilized a centre-tapped 6.3 volt filament transformers & two rotary switches that allowed one the convenience of several steps in bucking / boosting...in other words, just an enhanced "deluxe"(!) version of what you have here...

I'll try & scan that piece on the weekend & post it here, unless someone beats me to the punch first (it was the 1965 edition)...

~73~ de Eddy VE3CUI - VE3XZ

> Ed, this is how we used to do it:
> __._,_.
>
>

6820. Re: [AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-16 22:54:59 UTC
From: KG4KGL
Topic: 6814 Message: 6820

I'll be listening…

73,

Robert
KG4KGL

On Nov 16, 2012, at 16:13, N1BUG <paul@...> wrote:

> I just fired up the TNT. I want to make sure all is well with the new power supply, antenna condenser circuit, etc. well in advance of the BK! I spent about half an hour wondering why it sounded a lot more growly than I remembered. Problems with the new power supply? Oh no! Then I realized when I rested my arm on the desk I could feel a very slight vibration! Huh? Then I remembered that blower on the big rig I've been meaning to clean the dust out of, because it's slightly off balance! Turning that off solved the growl problem. I'm getting the usual 6 to 7 watts out but I'm still not happy with having to put the antenna link at maximum coupling to have much of any output at all on 80 meters. Oh well. Nature of the beast, I guess.
>
> Anyway... I'm not quite sure about availability later this evening, but if possible I will put out a few calls at 7 and/or 8 PM eastern, first hole I find above 3550 Kc. I still have no proper means of isolating the rig from keying vibration, so I will be holding the key off the desk. Don't expect perfect keying. :) I sure hope I get that issue sorted out before the BK! This is not a comfortable way to operate!
>
> 73,
> Paul N1BUG
>
>
>
>
>

6821. Limiting High transformer Primary AC

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 00:04:09 UTC
From: Niel - W0VLZ
Topic: 6681 Message: 6821

I always worry about putting 120+ VAC into radios designed for 110. No need to stress 60-70 yrs old components any more than necessary.

A 12V filament transformer allows a 10% reduction in voltage but rather that calling it bucking or aiding think of it as a tapped auto-transformer. Hook up a 12V filament transformer with the windings in series (observing proper polarity) and apply 120V across the entire/both winding. For feeding the rig draw AC off of the original primary winding. 120V is dropped to 108V. The current rating for the filament winding needs to be high as the total current being drawn at 108V

I have a large filament transformer hooked up like this feeding all of my boat anchor radios.

73,
Niel

Leonard Meek wrote:
>
> Ed, we used to use this hookup (boost) to run 220V A/C units on 208V.
> Work fine, last a long time.
> Leonard
>
> ----- Original Message -----
> *From:* Eddy Swynar <mailto:deswynar@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* Friday, November 16, 2012 10:17 AM
> *Subject:* Fwd: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley
>
> */Hi Leonard,/*
>
> That's pretty much it, alright, only the */"HINTS & KINKS"/*piece
> utilized a centre-tapped 6.3 volt filament transformers & two
> rotary switches that allowed one the convenience of several steps
> in bucking / boosting...in other words, just an enhanced
> "/deluxe/"(!) version of what you have here...
>
> I'll try & scan that piece on the weekend & post it here, unless
> someone beats me to the punch first (it was the 1965 edition)...
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>
>
>
>> Ed, this is how we used to do it:
>

> ---
>
> ---
>
> ---
> Hi Leonard,
>
> That's pretty much it, alright, only the "HINTS & KINKS" piece
> utilized a centre-tapped 6.3 volt filament transformers & two
> rotary switches that allowed one the convenience of several steps
> in bucking / boosting...in other words, just an enhanced
> "deluxe"(!) version of what you have here...
>
> I'll try & scan that piece on the weekend & post it here, unless
> someone beats me to the punch first (it was the 1965 edition)...
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
>
> > Ed, this is how we used to do it:
> > __._,_.
> >
> >
>
>

6822. Re: [AWA Group] Limiting High transformer Primary AC

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 00:17:37 UTC
From: Leonard Meek
Topic: 6681 Message: 6822

My inrush current limiters drop my 123V line voltage down to 112-114V, depending on which set they're installed in.

Leonard

----- Original Message -----
From: "Niel - W0VLZ" <w0vlz@...>
To: <AWAGroup@yahoogroups.com>
Sent: Friday, November 16, 2012 2:04 PM
Subject: [AWA Group] Limiting High transformer Primary AC

>I always worry about putting 120+ VAC into radios designed for 110. No
> need to stress 60-70 yrs old components any more than necessary.
>
> A 12V filament transformer allows a 10% reduction in voltage but rather
> that calling it bucking or aiding think of it as a tapped
> auto-transformer. Hook up a 12V filament transformer with the windings
> in series (observing proper polarity) and apply 120V across the
> entire/both winding. For feeding the rig draw AC off of the original
> primary winding. 120V is dropped to 108V. The current rating for the
> filament winding needs to be high as the total current being drawn at 108V
>
> I have a large filament transformer hooked up like this feeding all of
> my boat anchor radios.
>
> 73,
> Niel
>
>
> Leonard Meek wrote:
>>
>> Ed, we used to use this hookup (boost) to run 220V A/C units on 208V.
>> Work fine, last a long time.
>> Leonard
>>
>> ----- Original Message -----
>> *From:* Eddy Swynar <mailto:deswynar@...>
>> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
>> *Sent:* Friday, November 16, 2012 10:17 AM
>> *Subject:* Fwd: [EXTERNAL EMAIL] :Re: [AWA Group] RE: My new Hartley
>>
>> */Hi Leonard,/*
>>
>> That's pretty much it, alright, only the */"HINTS & KINKS"/*piece
>> utilized a centre-tapped 6.3 volt filament transformers & two
>> rotary switches that allowed one the convenience of several steps

>> in bucking / boosting...in other words, just an enhanced
>> "/deluxe/"(!) version of what you have here...
>>
>> I'll try & scan that piece on the weekend & post it here, unless
>> someone beats me to the punch first (it was the 1965 edition)...
>>
>> */~73~ de Eddy VE3CUI - VE3XZ/*
>>
>>
>>
>>> Ed, this is how we used to do it:
>>
>> ---
>>
>> ---
>>
>> ---
>> Hi Leonard,
>>
>> That's pretty much it, alright, only the "HINTS & KINKS" piece
>> utilized a centre-tapped 6.3 volt filament transformers & two
>> rotary switches that allowed one the convenience of several steps
>> in bucking / boosting...in other words, just an enhanced
>> "deluxe"(!) version of what you have here...
>>
>> I'll try & scan that piece on the weekend & post it here, unless
>> someone beats me to the punch first (it was the 1965 edition)...
>>
>> ~73~ de Eddy VE3CUI - VE3XZ
>>
>>
>>
>> > Ed, this is how we used to do it:
>> > __._,_.
>> >
>> >
>>
>>
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
>
>

6823. Re: [AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 01:19:03 UTC
From: N1BUG
Topic: 6814 Message: 6823

Ah, there's nothing like the warm glow of a UX-210, the smell of sparking key contacts, and the pleasure of good company on the band. I had QSOs with Bill, K4JYS; Lou, VE3AWA; and Ron, NT8P. Thanks guys! I conclude:

Rig... working!
Antenna.... working!
Operator... well, two out of three ain't bad, eh?

73,
Paul N1BUG

6824. Re: [AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 01:58:51 UTC
From: Louis Vermond
Topic: 6814 Message: 6824

Who's NT8P? AWAer?

Nice chat, Paul.

BTW: Did u see the new AWAGroup home page photo?

GN, Lou
----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: 2012-11-16 8:19 PM
Subject: Re: [AWA Group] testing tonight

Ah, there's nothing like the warm glow of a UX-210, the smell of sparking key contacts, and the pleasure of good company on the band. I had QSOs with Bill, K4JYS; Lou, VE3AWA; and Ron, NT8P. Thanks guys! I conclude:

Rig... working!
Antenna.... working!
Operator... well, two out of three ain't bad, eh?

73,
Paul N1BUG

6825. Re: [AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 07:08:22 UTC
From: Roger Kuchera
Topic: 6814 Message: 6825
Attachments: 2 described; binary payloads are missing from this source WARC

QLF = Now Send with your left foot.

Roger.

--- On Fri, 11/16/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] testing tonight
To: AWAGroup@yahoogroups.com
Date: Friday, November 16, 2012, 4:51 PM

Looks like QLF!

 Quite Laughable Fellows? What?

----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2012-11-16 4:49 PM
Subject: Re: [AWA Group] testing tonight

Looks like QLF!

Roger.

--- On Fri, 11/16/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] testing tonight
To: AWAGroup@yahoogroups.com
Date: Friday, November 16, 2012, 4:45 PM

#yiv837834876 .yiv837834876ygrp-photo-title {
TEXT-ALIGN:center;WIDTH:75px;HEIGHT:15px;CLEAR:both;FONT-SIZE:smaller;OVERFLOW:hidden;}
#yiv837834876 DIV.yiv837834876ygrp-photo {
BORDER-BOTTOM:black 1px solid;BORDER-LEFT:black 1px solid;BACKGROUND-COLOR:white;WIDTH:62p
x;BACKGROUND-REPEAT:no-repeat;BACKGROUND-POSITION:center 50%;HEIGHT:62px;BORDER-TOP:black
1px solid;BORDER-RIGHT:black 1px solid;}
#yiv837834876 DIV.yiv837834876photo-title A {
TEXT-DECORATION:none;}
#yiv837834876 DIV.yiv837834876photo-title A:active {
TEXT-DECORATION:none;}
#yiv837834876 DIV.yiv837834876photo-title A:hover {
TEXT-DECORATION:none;}
#yiv837834876 DIV.yiv837834876photo-title A:visited {
TEXT-DECORATION:none;}
#yiv837834876 DIV.yiv837834876attach-table DIV.yiv837834876attach-row {

CLEAR:both;}
#yiv837834876 DIV.yiv837834876attach-table DIV.yiv837834876attach-row DIV {
FLOAT:left;}
#yiv837834876 P {
PADDING-BOTTOM:3px;PADDING-LEFT:0px;PADDING-RIGHT:0px;CLEAR:both;OVERFLOW:hidden;PADDING-T
OP:15px;}
#yiv837834876 DIV.yiv837834876ygrp-file {
WIDTH:30px;}
#yiv837834876 DIV.yiv837834876attach-table DIV.yiv837834876attach-row DIV DIV A {
TEXT-DECORATION:none;}
#yiv837834876 DIV.yiv837834876attach-table DIV.yiv837834876attach-row DIV DIV SPAN {
FONT-WEIGHT:normal;}
#yiv837834876 DIV.yiv837834876ygrp-file-title {
FONT-WEIGHT:bold;}

Anyway... I'm not quite sure about availability later this evening, but if possible I will put out a few calls at 7 and/or 8 PM eastern, first hole I find above 3550 Kc.

I'll look for you both of those times. Lou

6826. Re: [AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 11:59:20 UTC
From: Louis Vermond
Topic: 6814 Message: 6826
Attachments: 2 described; binary payloads are missing from this source WARC

QLF = Now Send with your left foot. Tks Roger...I think.
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2012-11-17 2:08 AM
Subject: Re: [AWA Group] testing tonight

Roger.

--- On Fri, 11/16/12, Louis Vermond <ldvermond@sympatico.ca> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] testing tonight
To: AWAGroup@yahoogroups.com
Date: Friday, November 16, 2012, 4:51 PM

Looks like QLF!

Quite Laughable Fellows? What?
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2012-11-16 4:49 PM
Subject: Re: [AWA Group] testing tonight

Looks like QLF!

Roger.

--- On Fri, 11/16/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] testing tonight
To: AWAGroup@yahoogroups.com
Date: Friday, November 16, 2012, 4:45 PM

Anyway... I'm not quite sure about availability later this evening, but if possible I will put out a few calls at 7 and/or 8 PM eastern, first hole I find above 3550 Kc.

I'll look for you both of those times. Lou

6827. Re: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 12:13:06 UTC
From: Don
Topic: 6791 Message: 6827

--- In AWAGroup@yahoogroups.com, "steve" <kk7uv@...> wrote:
>
> I am going to experiment with indirect coupling of the meter.
>
> I have a Weston thermo-milliammeter in series with the output lead on my MOPA. I had to make it removeable because the meter makes the note a little rough and chirpy during operation. It works great for tune-up, but then I simply replace the meter with a shorting bar while operating.
>
> For the outboard series-cap tuner for my TNT (and future rigs), I thought I'd wind a "many-turn" coupling coil out of magnet wire that is wound around the output lead.
>
> - 7UV
On my tuner coupler deal I experimented with a passive signal strength meter. I put an old style single contact jack (for old Brandes phones)near the outut side ganged variable. The ganged variable is interconnected with some old solid copper wire . Around that solid copper wire I wound a few turns of insulated solid copper hook up wire.Just 3 or 4 turns along its length. I plug the signal strenth meter into the single jack through its antenna connection and it does a great job as a power/ tuning indicator. The pot on the meter allows me to adjust for mid scale if I like when tuning. It works so well I wonder if I made a mistake. Those who have been there know what I mean by that. The sig strength meter is one of those old RS deals intended for CB use. I intend to mount a permanent meter & fixture in the tuner as soon as I figure out what meter and circuit I should use. I am not real smart when it comes to meters. I suspect I need a uA meter and not a mA meter but have no idea what to look for or where. Got a hamfest today in Kingston. Might take a gamble on some if I see them ALso looking for a 6sa7 tube and a grab bag of 2.5 Rf chokes.
My 45 TNT is at the ready. I had it running last week. I will be on 40m this year from the downstairs shack where everything is built on wood and is HB. I have a sagging L for 40 M up and working.
Oh yes I will also me using my wooden keys I make. The last one I built has a nice porcelain knob (aka drawer pull) I love the way the wood sprung key stays right in your hand no matter how fast or slow you go. Also no shock hazard unless you touch the brass thumb screws. And there is no reason to be near them at all.
Don VE3LYX
>

6828. AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 12:42:38 UTC
From: Steve Flood
Topic: 6828 Message: 6828

Many of our transmitter tubes are rated for either AC or DC filament operation. Has anyone compared note quality between AC and DC?

Thanks,

Steve KK7UV

6829. Re: [AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 12:44:51 UTC
From: N1BUG
Topic: 6814 Message: 6829

GM Lou

Who's NT8P? AWAer?
Nope. Just someone who took pity on my plaintive calls and said howdy.

Nice chat, Paul.
Always a pleasure, Lou.

BTW: Did u see the new AWAGroup home page photo?

I hadn't. I am honored! Perfect picture.

73,
Bugsy

6830. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 12:59:50 UTC
From: N1BUG
Topic: 6828 Message: 6830

Many of our transmitter tubes are rated for either AC or DC filament operation. Has anyone compared note quality between AC and DC?

Funny you should ask! I would like to know the answer to that too. I've been awake most of the night wondering the same thing. I need to look and see if the UX-210 is OK with DC - I've forgotten. Not that it's a big problem, but my transmitter seems to have a little more AC growl than last year. I'm fairly certain it is not ripple in the plate supply. I'm wondering if AC on the filament modulates the signal a bit. However, when I was testing with UX-201A and G-71-A (UX-171) with DC filaments last year, they were growly too. Especially the '71, which was far more growly on DC than the UX-210 on AC.

Several other possibilities come to mind. I know the rig is very sensitive to vibration. That slightly unbalanced squirrel cage blower across the room yesterday proved that. Perhaps it is responding to even lesser vibrations I don't even notice. Or, could it be affected by electromagnetic fields in some way? It's not exactly shielded! Nearby AC wiring? There are wires in the wall mere inches from where the rig sits. Transformers? The one powering the rig is some three feet away on the other side of that wall. Both of those factors are different from last year.

'Tis a curiosity I would like to investigate just for sake of understanding these things better.

73,
Paul N1BUG

6831. Re: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 13:04:38 UTC
From: Larry Szendrei
Topic: 6791 Message: 6831

On 11/17/12 7:13 AM, Don wrote:
>
>
>
> --- In AWAGroup@yahoogroups.com <mailto:AWAGroup%40yahoogroups.com>,
> "steve" <kk7uv@...> wrote:
> On my tuner coupler deal I experimented with a passive signal strength
> meter. I put an old style single contact jack (for old Brandes
> phones)near the outut side ganged variable. The ganged variable is
> interconnected with some old solid copper wire . Around that solid
> copper wire I wound a few turns of insulated solid copper hook up
> wire.Just 3 or 4 turns along its length. I plug the signal strenth
> meter into the single jack through its antenna connection and it does
> a great job as a power/ tuning indicator. The pot on the meter allows
> me to adjust for mid scale if I like when tuning. It works so well I
> wonder if I made a mistake. Those who have been there know what I mean
> by that. The sig strength meter is one of those old RS deals intended
> for CB use. I intend to mount a permanent meter & fixture in the tuner
> as soon as I figure out what meter and circuit I should use. I am not
> real smart when it comes to meters.
>
Don,

In the 1970 ARRL Handbook there is a RF Forward/Reflected power meter I have built a couple of times. Fairly simple to build; the only "specialty item" is a small toroid core (I think it's a T50-2 type), but even that is fairly common. I think it calls for a 100uA or 200uA meter. I used a 200uA meter in one of mine. This gives a lot more information than just an RF voltage meter, which is what you are describing, as it can be calibrated in forward as well as reflected RF watts, and VSWR.

73,
-Larry/NE1S

6832. Re: [AWA Group] Limiting High transformer Primary AC

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 13:27:03 UTC
From: N1BUG
Topic: 6681 Message: 6832

Thanks Niel. Very interesting.

Is there a recommended procedure for determining the proper phase of the windings? What happens if you get it wrong? I'm assuming you can't always be certain of the internal connections (if you can't see the windings themselves) from physical orientation of external connections.

I may try this. My line voltage runs about 127V and I've been a bit worried about applying that to 90 year old transformers designed for 110V. As a test, I put on on a variac. At 110V the transformer produced a barely audible buzz. At 127V it was quite loud! I found that somewhat unsettling.

73,
Paul N1BUG

On 11/16/2012 07:04 PM, Niel - W0VLZ wrote:
> I always worry about putting 120+ VAC into radios designed for 110. No
> need to stress 60-70 yrs old components any more than necessary.
>
> A 12V filament transformer allows a 10% reduction in voltage but rather
> that calling it bucking or aiding think of it as a tapped
> auto-transformer. Hook up a 12V filament transformer with the windings
> in series (observing proper polarity) and apply 120V across the
> entire/both winding. For feeding the rig draw AC off of the original
> primary winding. 120V is dropped to 108V. The current rating for the
> filament winding needs to be high as the total current being drawn at 108V
>
> I have a large filament transformer hooked up like this feeding all of
> my boat anchor radios.
>
> 73,
> Niel

6833. RE: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 13:28:48 UTC
From: Steve Flood
Topic: 6791 Message: 6833

In the 1970 ARRL Handbook there is a RF Forward/Reflected power meter I have built a couple of times. Fairly simple to build; the only "specialty item" is a small toroid core (I think it's a T50-2 type), but even that is fairly common. I think it calls for a 100uA or 200uA meter. I used a 200uA meter in one of mine. This gives a lot more information than just an RF voltage meter, which is what you are describing, as it can be calibrated in forward as well as reflected RF watts, and VSWR.

Precisely what I've been using for the TNT. Works fine, but have the desire to build one of period parts as Paul has done.

6834. Re: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 14:11:38 UTC
From: Larry Szendrei
Topic: 6791 Message: 6834

On 11/17/12 8:28 AM, Steve Flood wrote:
>
> In the 1970 ARRL Handbook there is a RF Forward/Reflected power meter
> I have built a couple of times. Fairly simple to build; the only
> "specialty item" is a small toroid core (I think it's a T50-2 type),
> but even that is fairly common. I think it calls for a 100uA or 200uA
> meter. I used a 200uA meter in one of mine. This gives a lot more
> information than just an RF voltage meter, which is what you are
> describing, as it can be calibrated in forward as well as reflected RF
> watts, and VSWR.
>
> Precisely what I've been using for the TNT. Works fine, but have the
> desire to build one of period parts as Paul has done.
>
>
Good luck finding a "period" toroidal core and pair of Ge diodes ;-)

I had forgotten to mention that this unit needs to be installed in a constant/known nominal impedance part of the system. For all my stations, including the OT ones, this is 50 ohms coaxial for convenience, on the XMTR/RCVR side of the antenna matching networks.

I built one of these units inside of an antenna tuner as Don is describing. That is the one that used a meter with a 200uA movement. The scale of the meter was already calibrated in 0-200 and 0-2000 RF watts, so I have a switch that selects either calibration. The other one I built feeds a Jones Micromatch metering unit, which I had acquired without the matching in-line sensing unit.

73,
-Larry/NE1S

6835. Re: [AWA Group] Mini-project

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 14:13:04 UTC
From: N1BUG
Topic: 6791 Message: 6835

On 11/17/2012 08:28 AM, Steve Flood wrote:

In the 1970 ARRL Handbook there is a RF Forward/Reflected power meter I have built a couple of times. Fairly simple to build; the only "specialty item" is a small toroid core (I think it's a T50-2 type), but even that is fairly common. I think it calls for a 100uA or 200uA meter. I used a 200uA meter in one of mine. This gives a lot more information than just an RF voltage meter, which is what you are describing, as it can be calibrated in forward as well as reflected RF watts, and VSWR.

Precisely what I've been using for the TNT. Works fine, but have the desire to build one of period parts as Paul has done.

Last year I was searching for a way to use period thermocouple meters that had burned out thermocouples - since that is how many of them have ended up! I only worked with a small sample of period meters - two Jewell 64's (1.5 and 3 amperes RF) and one Weston 425 (500 milliamperes RF). Results may vary and the following is offered with absolutely no guarantee beyond the assertion that attempting this will consume some of your time. :-)

I found the basic meter movement to be a DC instrument of some few milliamperes range - or at least it behaves like one. By removing what remained of the thermocouple and stuffing the guts of the above circuit inside, I was able to use the old meter. Calibration is done by means of a small trimmer potentiometer in series with the meter. It is not possible to maintain calibration across the full original range of the meter, but I found it possible to get it to read fairly close over about one third of its range when used in a 50 ohm system. Were I to actually use one like that, I would calibrate it at my intended operating power level. One may, in some cases, find it desirable to add a few additional turns to the secondary of the toroidal transformer to aid in driving this relatively insensitive meter. The meter may be damped to more closely approximate the slow response of thermocouple meters by inserting a capacitor of some few or several microfarads across the meter movement. It may also be found necessary to use a resistor in series with this capacitor to obtain the desired response. Each meter is different and some experimentation will most certainly be required. Please note this is actually measuring RF voltage, not current. If used in a system wherein the impedance varies from that at which the meter was calibrated, readings will not track with a thermocouple type instrument in the same system.

I abandoned this work when I found the meter used in my current system, which has both thermocouples intact. That reminds me... I really should get around to re-assembling the guinea pig meters used in this experimental work!

73,
Paul N1BUG

6836. Re: [AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 14:14:40 UTC
From: Roger Kuchera
Topic: 6814 Message: 6836
Attachments: 2 described; binary payloads are missing from this source WARC

RE: QLF; In the pix you sent, the guy was sending with his foot, then it was reversed. It looked like he was sending with both feet.

R.

--- On Sat, 11/17/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] testing tonight
To: AWAGroup@yahoogroups.com
Date: Saturday, November 17, 2012, 6:59 AM

QLF = Now Send with your left foot. Tks Roger...I think.

----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2012-11-17 2:08 AM
Subject: Re: [AWA Group] testing tonight

Roger.

--- On Fri, 11/16/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] testing tonight
To: AWAGroup@yahoogroups.com
Date: Friday, November 16, 2012, 4:51 PM

#yiv1725734513 .yiv1725734513ygrp-photo-title {
TEXT-ALIGN:center;WIDTH:75px;HEIGHT:15px;CLEAR:both;FONT-SIZE:smaller;OVERFLOW:hidden;}
#yiv1725734513 DIV.yiv1725734513ygrp-photo {
BORDER-BOTTOM:black 1px solid;BORDER-LEFT:black 1px solid;BACKGROUND-COLOR:white;WIDTH:62px;BACKGROUND-REPEAT:no-repeat;BACKGROUND-POSITION:center 50%;HEIGHT:62px;BORDER-TOP:black 1px solid;BORDER-RIGHT:black 1px solid;}
#yiv1725734513 DIV.yiv1725734513photo-title A {
TEXT-DECORATION:none;}
#yiv1725734513 DIV.yiv1725734513photo-title A:active {
TEXT-DECORATION:none;}
#yiv1725734513 DIV.yiv1725734513photo-title A:hover {
TEXT-DECORATION:none;}
#yiv1725734513 DIV.yiv1725734513photo-title A:visited {
TEXT-DECORATION:none;}
#yiv1725734513 DIV.yiv1725734513attach-table DIV.yiv1725734513attach-row {
CLEAR:both;}
#yiv1725734513 DIV.yiv1725734513attach-table DIV.yiv1725734513attach-row DIV {

```
FLOAT:left;}
#yiv1725734513 P {
PADDING-BOTTOM:3px;PADDING-LEFT:0px;PADDING-RIGHT:0px;CLEAR:both;OVERFLOW:hidden;PADDING-T
OP:15px;}
#yiv1725734513 DIV.yiv1725734513ygrp-file {
WIDTH:30px;}
#yiv1725734513 DIV.yiv1725734513attach-table DIV.yiv1725734513attach-row DIV DIV A {
TEXT-DECORATION:none;}
#yiv1725734513 DIV.yiv1725734513attach-table DIV.yiv1725734513attach-row DIV DIV SPAN {
FONT-WEIGHT:normal;}
#yiv1725734513 DIV.yiv1725734513ygrp-file-title {
FONT-WEIGHT:bold;}
```

Looks like QLF!

Quite Laughable Fellows? What?

----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2012-11-16 4:49 PM
Subject: Re: [AWA Group] testing tonight

Looks like QLF!

Roger.

--- On Fri, 11/16/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] testing tonight
To: AWAGroup@yahoogroups.com
Date: Friday, November 16, 2012, 4:45 PM

```
#yiv1725734513 .yiv1725734513ygrp-photo-title {
TEXT-ALIGN:center;WIDTH:75px;HEIGHT:15px;CLEAR:both;FONT-SIZE:smaller;OVERFLOW:hidden;}
#yiv1725734513 DIV.yiv1725734513ygrp-photo {
BORDER-BOTTOM:black 1px solid;BORDER-LEFT:black 1px solid;BACKGROUND-COLOR:white;WIDTH:62p
x;BACKGROUND-REPEAT:no-repeat;BACKGROUND-POSITION:center 50%;HEIGHT:62px;BORDER-TOP:black
1px solid;BORDER-RIGHT:black 1px solid;}
#yiv1725734513 DIV.yiv1725734513photo-title A {
TEXT-DECORATION:none;}
#yiv1725734513 DIV.yiv1725734513photo-title A:active {
TEXT-DECORATION:none;}
#yiv1725734513 DIV.yiv1725734513photo-title A:hover {
TEXT-DECORATION:none;}
#yiv1725734513 DIV.yiv1725734513photo-title A:visited {
TEXT-DECORATION:none;}
#yiv1725734513 DIV.yiv1725734513attach-table DIV.yiv1725734513attach-row {
CLEAR:both;}
#yiv1725734513 DIV.yiv1725734513attach-table DIV.yiv1725734513attach-row DIV {
FLOAT:left;}
```

#yiv1725734513 P {
PADDING-BOTTOM:3px;PADDING-LEFT:0px;PADDING-RIGHT:0px;CLEAR:both;OVERFLOW:hidden;PADDING-T
OP:15px;}
#yiv1725734513 DIV.yiv1725734513ygrp-file {
WIDTH:30px;}
#yiv1725734513 DIV.yiv1725734513attach-table DIV.yiv1725734513attach-row DIV DIV A {
TEXT-DECORATION:none;}
#yiv1725734513 DIV.yiv1725734513attach-table DIV.yiv1725734513attach-row DIV DIV SPAN {
FONT-WEIGHT:normal;}
#yiv1725734513 DIV.yiv1725734513ygrp-file-title {
FONT-WEIGHT:bold;}

Anyway... I'm not quite sure about availability later this evening, but if possible I will put out a few calls at 7 and/or 8 PM eastern, first hole I find above 3550 Kc.

I'll look for you both of those times. Lou

6837. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 14:19:55 UTC
From: Louis Vermond
Topic: 6828 Message: 6837

GM,

I would think this topic is contrary to the spirit of the Group, but here goes.

Once I had access to many heavy duty 12V batteries. With 156VDC on the TNT/210 plate and 7.5V DC on the filaments, the monitored sig was as pure as anyone would wish. With AC filament voltage yet battery plate supply, there was a noticeable ripple in the signal.

Lou

Many of our transmitter tubes are rated for either AC or DC filament operation. Has anyone compared note quality between AC and DC?

Funny you should ask! I would like to know the answer to that too. I've been awake most of the night wondering the same thing. I need to look and see if the UX-210 is OK with DC - I've forgotten. Not that it's a big problem, but my transmitter seems to have a little more AC growl than last year. I'm fairly certain it is not ripple in the plate supply. I'm wondering if AC on the filament modulates the signal a bit. However, when I was testing with UX-201A and G-71-A (UX-171) with DC filaments last year, they were growly too. Especially the '71, which was far more growly on DC than the UX-210 on AC.

Several other possibilities come to mind. I know the rig is very sensitive to vibration. That slightly unbalanced squirrel cage blower across the room yesterday proved that. Perhaps it is responding to even lesser vibrations I don't even notice. Or, could it be affected by electromagnetic fields in some way? It's not exactly shielded! Nearby AC wiring? There are wires in the wall mere inches from where the rig sits. Transformers? The one powering the rig is some three feet away on the other side of that wall. Both of those factors are different from last year.

'Tis a curiosity I would like to investigate just for sake of understanding these things better.

73,
Paul N1BUG

6838. -3

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 14:27:42 UTC
From: Larry Szendrei
Topic: 6681 Message: 6838

On 11/17/12 8:27 AM, N1BUG wrote:
> Thanks Niel. Very interesting.
>
> Is there a recommended procedure for determining the proper phase of
> the windings? What happens if you get it wrong? I'm assuming you
> can't always be certain of the internal connections (if you can't
> see the windings themselves) from physical orientation of external
> connections.

I do it by just hooking it up one way or the other and measuring the voltage. You have a 50% chance of it being "boost," and a 50% chance of it being "buck". If it's not what you want simply reverse the secondary connections. (You also have a 100% chance that it will be one or the other, and a 0% chance that it will be both ;-))

Another idea is to use an inrush current limiter (thermistor) which has the advantage of eliminating the shock to filaments, transformers and other components on power-up - a cold filament or heater has a much lower resistance than one at operating temperature. These devices have a negative temperature coefficient - the resistance goes down as their temperature goes up - so they present a high resistance upon power-up, then they warm up to operating temperature and their resistance goes down. But even at operating temperature their resistance is not zero, so they provide some voltage drop. How much depends on the specific device and the current being drawn. There is a pdf file I can provide privately that describes these in more detail and how to choose the correct one for the application. It is written in the context of installing in an R390A, but has good general info as well. I have used these in my homebrew power supplies for my FB-7, HRO, and SW-3, and have installed them in my R390, R390A, and GSB-100. Warning - these devices did not exist in 1929 :-)

73,
-Larry/NE1S

6839. Re: [AWA Group] Limiting High transformer Primary AC

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 14:53:20 UTC
From: Garey Barrell
Topic: 6681 Message: 6839

If you get the phasing wrong the output will be 'boosted' bythe small transformer's voltage. So you
should always check before plugging something in!! :-)

So if you get 140 VAC out, just reverse ONE of the windingconnections,either the primary or secondary of the 'buck-boost' transformer.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

N1BUG wrote:
> Thanks Niel. Very interesting.
>
> Is there a recommended procedure for determining the proper phase of
> the windings? What happens if you get it wrong? I'm assuming you
> can't always be certain of the internal connections (if you can't
> see the windings themselves) from physical orientation of external
> connections.
>
> I may try this. My line voltage runs about 127V and I've been a bit
> worried about applying that to 90 year old transformers designed for
> 110V. As a test, I put on on a variac. At 110V the transformer
> produced a barely audible buzz. At 127V it was quite loud! I found
> that somewhat unsettling.
>
> 73,
> Paul N1BUG
>
>
>
> On 11/16/2012 07:04 PM, Niel - W0VLZ wrote:
>> I always worry about putting 120+ VAC into radios designed for 110. No
>> need to stress 60-70 yrs old components any more than necessary.
>>
>> A 12V filament transformer allows a 10% reduction in voltage but rather
>> that calling it bucking or aiding think of it as a tapped
>> auto-transformer. Hook up a 12V filament transformer with the windings
>> in series (observing proper polarity) and apply 120V across the
>> entire/both winding. For feeding the rig draw AC off of the original
>> primary winding. 120V is dropped to 108V. The current rating for the
>> filament winding needs to be high as the total current being drawn at 108V
>>

>> I have a large filament transformer hooked up like this feeding all of
>> my boat anchor radios.
>>
>> 73,
>> Niel
>

6840. Re: [AWA Group] Limiting High transformer Primary AC

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 14:56:31 UTC
From: Niel - W0VLZ
Topic: 6681 Message: 6840

Paul,

If you hook if up wrong you end up boosting your 120VAC up to over 130VAC rather than cutting it down to less than 110VAC.

I plug a power strip into mine so I can power my receiver and my transmitter (plus any accessories) at the lower voltage.

Even Radio Shack sells a 12.6VAC at 3A transformer. That should be good for up to 300 watts using it like this but check the transformer after a while to see if it is going warm. Ideally find a military surplus heavy duty filament transformer at your next swapmeet. Sometimes you find filament transformers with multiple low voltage/filament windings. With one of these you can connect all of the windings in series to cut your 127VAC down even more.

Remember, in this sort of connection you are not transformer protected from your AC line like you would be with an isolation transformer. If you plug an AC-DC set in, the chassis could be hot.

73,
Niel - W0VLZ

N1BUG wrote:
> Thanks Niel. Very interesting.
>
> Is there a recommended procedure for determining the proper phase of
> the windings? What happens if you get it wrong? I'm assuming you
> can't always be certain of the internal connections (if you can't
> see the windings themselves) from physical orientation of external
> connections.
>
> I may try this. My line voltage runs about 127V and I've been a bit
> worried about applying that to 90 year old transformers designed for
> 110V. As a test, I put on on a variac. At 110V the transformer
> produced a barely audible buzz. At 127V it was quite loud! I found
> that somewhat unsettling.
>
> 73,
> Paul N1BUG
>
>
>
> On 11/16/2012 07:04 PM, Niel - W0VLZ wrote:
>> I always worry about putting 120+ VAC into radios designed for 110. No
>> need to stress 60-70 yrs old components any more than necessary.

>>
>> A 12V filament transformer allows a 10% reduction in voltage but rather
>> that calling it bucking or aiding think of it as a tapped
>> auto-transformer. Hook up a 12V filament transformer with the windings
>> in series (observing proper polarity) and apply 120V across the
>> entire/both winding. For feeding the rig draw AC off of the original
>> primary winding. 120V is dropped to 108V. The current rating for the
>> filament winding needs to be high as the total current being drawn at 108V
>>
>> I have a large filament transformer hooked up like this feeding all of
>> my boat anchor radios.
>>
>> 73,
>> Niel
>

6841. T5 :0)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 15:13:07 UTC
From: Louis Vermond
Topic: 6841 Message: 6841
Attachments: 2 described; binary payloads are missing from this source WARC

This is my reference during the K-P. Hope this is useful.

6842. Re: [AWA Group] T5 :0)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 15:21:13 UTC
From: Eddy Swynar
Topic: 6841 Message: 6842

On 2012-11-17, at 10:13 AM, Louis Vermond wrote:

> This is my reference during the K-P. Hope this is useful.
>

Hi Lou,

Very FB, but missing two things (albeit optional) that are near & dear to the hearts of us BK affair devotees, i.e.:

(1) Add an "X" after the RST report, signifying "near crystal control" (as in 599X), and,

(2) Add a "C" after the RST report, signifying that the recipient is, indeed, a participant in the AWA 1929 QSO Party(!), as in 599C.

~73!~ de Eddy VE3CUI - VE3XZ

6843. Re: [AWA Group] T5 :0)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 16:26:19 UTC
From: Louis Vermond
Topic: 6841 Message: 6843

Jeezs, Eddy?!

(1) Add an "X" after the RST report, signifying "near crystal control" (as in 599X), and,
This is contrary. Kamikaze 12000 tones are to be discouraged.

6844. RE: [AWA Group] T5 :0)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 16:43:14 UTC
From: Mike Feher
Topic: 6841 Message: 6844

As a Youngster, I recall the X being added after the normal RST. Redundant or not, it was done. Just like now in the use of 73. 73 means "best regards", yet, most you see say 73's. But, that habit was even there in the 20's. Does anyone know when QSL cards became a norm? I believe the earliest I have is from 22'. BTW, what happened to Don? 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, November 17, 2012 11:26 AM
To: AWAGroup
Subject: Re: [AWA Group] T5 :0)

Jeezs, Eddy?!

(1) Add an "X" after the RST report, signifying "near crystal control" (as in 599X), and, This is contrary. Kamikaze 12000 tones are to be discouraged.

6845. Re: [AWA Group] T5 :0)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 16:52:49 UTC
From: Eddy Swynar
Topic: 6841 Message: 6845

On 2012-11-17, at 11:26 AM, Louis Vermond wrote:

>
> Jeezs, Eddy?!
>
> (1) Add an "X" after the RST report, signifying "near crystal control" (as in 599X), and,
This is contrary. Kamikaze 12000 tones are to be discouraged.
>

Hi Lou,

I guss we can all "aspire"to such lofty heights, as having an "X" placed after our report...alas & alack, though, the reality of the situation is that more often than not we all earn a "C" suffix! Hi Hi

Nothing wrong with that at all: in fact, it's somewhat of a badge of honour, especially if one is fortunate enough to have worked Steve out in the Left Coast on all bands during the BK affair!

~73~ de Eddy VE3CUI - VE3XZ
>
>

6846. Tennis---Err, I mean AM!---Anyone...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 16:56:53 UTC
From: Eddy Swynar
Topic: 6846 Message: 6846

Hi Guys,

I just fired-up my HB 1929 superhet & Viking II "CC" for a nice AM QSO on 7295 with Al (W1UX)...

Is anyone up for a QSO up in the AM window of 7285-, 7290-, or 7295-KHz...? If so, lemme know: meanwhile I'll be brushing-up here with the manual on proper tune-up procedure for the V-2 (been a L-O-N-G time since I played around with that rig!).

~73~ de Eddy VE3CUI - VE3XZ

6847. Re: [AWA Group] -3

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 17:25:31 UTC
From: Leonard Meek
Topic: 6681 Message: 6847

Larry, I would be interested in the inrush current limiter (ICL) writeup. When the ballast went in my 390A, I replaced it with a rectifier & voltage regulator. I later found that it was wasted effort. The recommended replacement was a 10 ohm resistor. I opened up an outlet strip and put ICL's on each of the outlets so whatever is plugged in to the strip will have some protection. However, I would like to permanently install an ICL in my 390A if I had the proper proceedure for selecting one.

Leonard

----- Original Message -----
From: "Larry Szendrei" <ne1s@...>
To: <AWAGroup@yahoogroups.com>
Sent: Saturday, November 17, 2012 4:27 AM
Subject: [AWA Group] -3

> On 11/17/12 8:27 AM, N1BUG wrote:
>> Thanks Niel. Very interesting.
>>
>> Is there a recommended procedure for determining the proper phase of
>> the windings? What happens if you get it wrong? I'm assuming you
>> can't always be certain of the internal connections (if you can't
>> see the windings themselves) from physical orientation of external
>> connections.
> I do it by just hooking it up one way or the other and measuring the
> voltage. You have a 50% chance of it being "boost," and a 50% chance of
> it being "buck". If it's not what you want simply reverse the secondary
> connections. (You also have a 100% chance that it will be one or the
> other, and a 0% chance that it will be both ;-))
>
> Another idea is to use an inrush current limiter (thermistor) which has
> the advantage of eliminating the shock to filaments, transformers and
> other components on power-up - a cold filament or heater has a much
> lower resistance than one at operating temperature. These devices have a
> negative temperature coefficient - the resistance goes down as their
> temperature goes up - so they present a high resistance upon power-up,
> then they warm up to operating temperature and their resistance goes
> down. But even at operating temperature their resistance is not zero, so
> they provide some voltage drop. How much depends on the specific device
> and the current being drawn. There is a pdf file I can provide privately
> that describes these in more detail and how to choose the correct one
> for the application. It is written in the context of installing in an
> R390A, but has good general info as well. I have used these in my
> homebrew power supplies for my FB-7, HRO, and SW-3, and have installed
> them in my R390, R390A, and GSB-100. Warning - these devices did not
> exist in 1929 :-)

>
> 73,
> -Larry/NE1S
>
>
> ---
>
> Yahoo! Groups Links
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6848. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 19:49:43 UTC
From: ve7sl@shaw.ca
Topic: 6828 Message: 6848

>but my transmitter seems to have a little more AC growl than last year.

I noted that as well last year when I fired up the TNT...turned out I was using a longer / different keying line to the bug and it was RF....after snapping a ferrite choke on the line the growl went away...imagine...too much RF from a '10'...who would have thought!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6849. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 23:21:45 UTC
From: N1BUG
Topic: 6828 Message: 6849

I would think this topic is contrary to the spirit of the Group

OK, sorry Lou. With me it is more a matter of curiosity than desire to fix or improve upon a thing. As a child I was known to frequently disassemble things that worked perfectly well, in order that I might learn exactly how and why they worked as they did. I'm older now, but I haven't left that curiosity behind.

Once I had access to many heavy duty 12V batteries. With 156VDC on the TNT/210 plate and 7.5V DC on the filaments, the monitored sig was as pure as anyone would wish. With AC filament voltage yet battery plate supply, there was a noticeable ripple in the signal.

Ah, yes. I seem to recall you may have made note of that before. That's a lot of batteries!

73,
Paul N1BUG

6850. Re: [AWA Group] Limiting High transformer Primary AC

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-17 23:26:56 UTC
From: N1BUG
Topic: 6681 Message: 6850

Niel, Larry, and Gary

Thanks for explaining about the operation of the filament transformer to lower mains voltage. I get it now. I think I'm going to experiment with that, as it does seem wise to apply the voltage vintage gear was designed to accept. I believe I have suitable transformers, including one rated in excess of 20 amps that should be able to provide the desired voltage for all present and future vintage stuff.

73,
Paul N1BUG

6851. Re: [AWA Group] -3

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 02:08:39 UTC
From: Larry Szendrei
Topic: 6681 Message: 6851
Attachments: 1 described; binary payloads are missing from this source WARC

On 11/17/12 12:25 PM, Leonard Meek wrote:
> Larry, I would be interested in the inrush current limiter (ICL) writeup.
> When the ballast went in my 390A, I replaced it with a rectifier & voltage
> regulator. I later found that it was wasted effort. The recommended
> replacement was a 10 ohm resistor. I opened up an outlet strip and put ICL's
> on each of the outlets so whatever is plugged in to the strip will have some
> protection. However, I would like to permanently install an ICL in my 390A
> if I had the proper proceedure for selecting one.
>
> Leonard
>
>
Here ya go, Leonard.

BTW, I don't know how the subject line got messed up, but I think it
happened while I was typing "SW-3."

-Larry

6852. Re: [AWA Group] -3

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 02:17:52 UTC
From: Leonard Meek
Topic: 6681 Message: 6852

Thanks, Larry. I hadn't seen this before. I used to subscribe to Hollow State News but they seem to have gone SK. There was a lot of good info there on 390's and other classic boat anchors.

Leonard

----- Original Message -----
From: "Larry Szendrei" <ne1s@...>
To: <AWAGroup@yahoogroups.com>
Sent: Saturday, November 17, 2012 4:08 PM
Subject: Re: [AWA Group] -3

> On 11/17/12 12:25 PM, Leonard Meek wrote:
>> Larry, I would be interested in the inrush current limiter (ICL) writeup.
>> When the ballast went in my 390A, I replaced it with a rectifier &
>> voltage
>> regulator. I later found that it was wasted effort. The recommended
>> replacement was a 10 ohm resistor. I opened up an outlet strip and put
>> ICL's
>> on each of the outlets so whatever is plugged in to the strip will have
>> some
>> protection. However, I would like to permanently install an ICL in my
>> 390A
>> if I had the proper proceedure for selecting one.
>>
>> Leonard
>>
>>
> Here ya go, Leonard.
>
> BTW, I don't know how the subject line got messed up, but I think it
> happened while I was typing "SW-3."
>
> -Larry
>
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> Yahoo! Groups Links
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6853. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 04:00:37 UTC
From: Louis Vermond
Topic: 6828 Message: 6853

I would think this topic is contrary to the spirit of the Group

OK, sorry Lou. With me it is more a matter of curiosity than desire to fix or improve upon a thing. Just pulling a few legs, Paul.

GN, Lou

6854. RE: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 05:37:46 UTC
From: Mike Feher
Topic: 6828 Message: 6854

I must have missed what was contrary to the spirit of the group. But, we formed this group to be able to say what we wanted without any retribution. So, carry on. Everything is in the "spirit of the group" as long as it is stated by a group member, which of course we all are. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, November 17, 2012 11:01 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] AC or DC filaments

I would think this topic is contrary to the spirit of the Group

OK, sorry Lou. With me it is more a matter of curiosity than desire to fix or improve upon a thing. Just pulling a few legs, Paul.

GN, Lou

6855. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 12:31:33 UTC
From: N1BUG
Topic: 6828 Message: 6855

On 11/17/2012 02:49 PM, ve7sl@... wrote:
>> but my transmitter seems to have a little more AC growl than last year.
>
> I noted that as well last year when I fired up the TNT...turned out I was
> using a longer / different keying line to the bug and it was RF....after
> snapping a ferrite choke on the line the growl went away...imagine...too
> much RF from a '10'...who would have thought!

Now I recall you mentioning that before Steve. I need to work on my memory! I grabbed whatever was handy for wire to hook up the key and it probably is a different length than last time.

I need to come up with something that looks more appropriate for that wire to the key. The plastic stuff just doesn't look right! All the old timey cloth covered wire I have is too stiff for my liking. It has a mind of its own and won't bend/stay bent sufficiently to exit the key and go under the notch in the dust cover. Hmm. I'm half tempted to recycle an old headphone cord for the purpose...

73,
Paul

6856. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 12:56:39 UTC
From: Louis Vermond
Topic: 6828 Message: 6856

I need to come up with something that looks more appropriate for that wire to the key. How many feet of this wire would you need? Lou

6857. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 14:14:24 UTC
From: dulmagedon
Topic: 6828 Message: 6857

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> GM,
>
> I would think this topic is contrary to the spirit of the Group, but here goes.
>
> Once I had access to many heavy duty 12V batteries. With 156VDC on the TNT/210 plate and 7.5V DC on the filaments, the monitored sig was as pure as anyone would wish. With AC filament voltage yet battery plate supply, there was a noticeable ripple in the signal.
>
> Lou
>
>
>
> Many of our transmitter tubes are rated for either AC or DC filament operation. Has anyone compared note quality between AC and DC?
>
> Funny you should ask! I would like to know the answer to that too. I've been awake most of the night wondering the same thing. I need to look and see if the UX-210 is OK with DC - I've forgotten. Not that it's a big problem, but my transmitter seems to have a little more AC growl than last year. I'm fairly certain it is not ripple in the plate supply. I'm wondering if AC on the filament modulates the signal a bit. However, when I was testing with UX-201A and G-71-A (UX-171) with DC filaments last year, they were growly too. Especially the '71, which was far more growly on DC than the UX-210 on AC.
>
> Several other possibilities come to mind. I know the rig is very sensitive to vibration. That slightly unbalanced squirrel cage blower across the room yesterday proved that. Perhaps it is responding to even lesser vibrations I don't even notice. Or, could it be affected by electromagnetic fields in some way? It's not exactly shielded! Nearby AC wiring? There are wires in the wall mere inches from where the rig sits. Transformers? The one powering the rig is some three feet away on the other side of that wall. Both of those factors are different from last year.
>
> 'Tis a curiosity I would like to investigate just for sake of understanding these things better.
>
> 73,
> Paul N1BUG
>I have a battery set up. 1o surplus 12 volts. I added a larger one outboard for my 12 volt tube heaters. I also have a set of three 4.5 gels I can charge there for powering my vintage heaters. I use the supply on my regen all the time and often on my TnT. Heater noise and hum is a real bug for me. I absolutely hate it and the more I hear the more I hate it. It is hard to get rid of totally. May even be impossible. I have tried all the tricks and they all help some but like a tooth ache it wont go away. The battery thing is easy . One diode and a line cord on a timer and you can charge them up and not worry about

leaving them on to cook. I charge mine every couple of weeks. The heater battery is the biggest pain. The rest on receive would probably run all year. On Tx that is a dfferent deal. I would like to make another rack of them then I would have 220 DC volts average power. Whole set up cost me about $100. Lawn mower batteries would be a low cost alternative too. I have seen them off season for around $17. so 10 would be $170. Seems like a lot? When was the last time you bought a 350 amp 120 volt rock steady ,absolutley ripple free Power supply for $170
Don Ve3LYX

6858. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 13:43:41 UTC
From: Niel - W0VLZ
Topic: 6828 Message: 6858

Paul,

For looks you might consider a stuffing your favorite wire inside a
piece of black shoelace. See
http://1.bp.blogspot.com/_svHaMoEDgIg/Sq77ARzfwBI/AAAAAAAAAM8/l_R9csMuiFs/s1600/Front12Sept09.jpg

73,
Niel

N1BUG wrote:
>
> On 11/17/2012 02:49 PM, ve7sl@... <mailto:ve7sl%40shaw.ca> wrote:
> >> but my transmitter seems to have a little more AC growl than last year.
> >
> > I noted that as well last year when I fired up the TNT...turned out
> I was
> > using a longer / different keying line to the bug and it was RF....after
> > snapping a ferrite choke on the line the growl went away...imagine...too
> > much RF from a '10'...who would have thought!
>
> Now I recall you mentioning that before Steve. I need to work on my
> memory! I grabbed whatever was handy for wire to hook up the key and
> it probably is a different length than last time.
>
> I need to come up with something that looks more appropriate for
> that wire to the key. The plastic stuff just doesn't look right! All
> the old timey cloth covered wire I have is too stiff for my liking.
> It has a mind of its own and won't bend/stay bent sufficiently to
> exit the key and go under the notch in the dust cover. Hmm. I'm half
> tempted to recycle an old headphone cord for the purpose...
>
> 73,
> Paul
>
>

6859. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 17:03:23 UTC
From: Louis Vermond
Topic: 6828 Message: 6859

I must have missed what was contrary to the spirit of the group. But, we formed this group to be able to say what we wanted without any retribution. So, carry on. Everything is in the "spirit of the group" as long as it is stated by a group member, which of course we all are. 73 - Mike

As I said, just pulling a few legs...

6860. G.E. Ham News

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 19:10:01 UTC
From: Eddy Swynar
Topic: 6860 Message: 6860

Hi Guys,

Wow...!

Is this ever a neat site worth saving, if you're a fan (like I am here) of "Lighthouse Larry" & "GE HAM NEWS":

http://n4trb.com/AmateurRadio/GE_HamNews/ge_ham_news.htm

~73~ de Eddy VE3CUI - VE3XZ

6861. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 18:22:33 UTC
From: Leonard Meek
Topic: 6828 Message: 6861

For fabric covered wire look, you can get drappery cord at fabric shops. It comes in rolls so you can get any length you want. Pull out the core and pull in your wire. I've done this with speaker and phone leads.

Leonard

----- Original Message -----
From: "Niel - W0VLZ" <w0vlz@...>
To: <AWAGroup@yahoogroups.com>
Cc: "N1BUG" <paul@...>
Sent: Sunday, November 18, 2012 3:43 AM
Subject: Re: [AWA Group] AC or DC filaments

> Paul,
>
> For looks you might consider a stuffing your favorite wire inside a
> piece of black shoelace. See
> http://1.bp.blogspot.com/_svHaMoEDgIg/Sq77ARzfwBI/AAAAAAAAAM8/l_R9csMuiFs/s1600/Front12Sept09.jpg
>
> 73,
> Niel
>
>
> N1BUG wrote:
>>
>> On 11/17/2012 02:49 PM, ve7sl@... <mailto:ve7sl%40shaw.ca> wrote:
>> >> but my transmitter seems to have a little more AC growl than last
>> >> year.
>> >
>> > I noted that as well last year when I fired up the TNT...turned out
>> I was
>> > using a longer / different keying line to the bug and it was
>> > RF....after
>> > snapping a ferrite choke on the line the growl went
>> > away...imagine...too
>> > much RF from a '10'...who would have thought!
>>
>> Now I recall you mentioning that before Steve. I need to work on my
>> memory! I grabbed whatever was handy for wire to hook up the key and
>> it probably is a different length than last time.
>>
>> I need to come up with something that looks more appropriate for
>> that wire to the key. The plastic stuff just doesn't look right! All
>> the old timey cloth covered wire I have is too stiff for my liking.
>> It has a mind of its own and won't bend/stay bent sufficiently to

>> exit the key and go under the notch in the dust cover. Hmm. I'm half
>> tempted to recycle an old headphone cord for the purpose...
>>
>> 73,
>> Paul
>>
>>
>
>
>
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> Yahoo! Groups Links
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6862. Delayed Group Postings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 21:10:12 UTC
From: ve7sl@shaw.ca
Topic: 6828 Message: 6862

I'm not sure what Yahoo Groups has done recently to teak their spam traps but over the past couple of weeks, many of the postings have been flagged as 'possible spam' and held until one of the moderators checks them and realeases them to the group....so if you notice that some of your postings don't show up when sent and then suddenly appear a few hours later, likely that is the reason. I like the idea but so far, none of the trapped mails have been actual spam and the one and only real spam of late shot right through!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6863. Re: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 21:11:42 UTC
From: ve7sl@shaw.ca
Topic: 6828 Message: 6863

>I must have missed what was contrary to the spirit of the group. But, we
>formed this group to be able to say what we wanted without any retribution.
>So, carry on. Everything is in the "spirit of the group" as long as it is
>stated by a group member, which of course we all are. 73 - Mike

One has to realize that, according to Lou, the crappier it sounds the better
it is. Let's hope there are high winds in VE3 during the B-K!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6864. Raw AC

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 21:28:58 UTC
From: Louis Vermond
Topic: 6864 Message: 6864

One has to realize that, according to Lou, the crappier it sounds the better...

You have it, OB!

Yesterday got out last years Kelley log. On the 11th at 2:08 AM I worked WX1O, Bruce in Vermont. Gave Bruce's Hartley an RST 334C. At the bottom of the log page this:

Notation: WX1O
Broad sig
Choppy
No distinct carrier

Now that is an OT signal.

73 Bruce, Lou

6865. RE: [AWA Group] AC or DC filaments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 22:06:09 UTC
From: Mike Feher
Topic: 6828 Message: 6865

That is just because Lou cannot build a decent OT rig. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of ve7sl@...
Sent: Sunday, November 18, 2012 4:12 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] AC or DC filaments

>I must have missed what was contrary to the spirit of the group. But, we
>formed this group to be able to say what we wanted without any retribution.

>So, carry on. Everything is in the "spirit of the group" as long as it is
>stated by a group member, which of course we all are. 73 - Mike

One has to realize that, according to Lou, the crappier it sounds the better

it is. Let's hope there are high winds in VE3 during the B-K!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6866. Grid dip oscillator

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 22:47:11 UTC
From: Don
Topic: 6866 Message: 6866

For years , my wj hole life ven I have gotten by without a GDO.
This weekend at the Kingston hamfest I scored an old Measurments set(Mc Graw Edison.) The one with the power supply and meter in a slanted crickle finish cabinet and the coils in a nice hardwood tray in the back. The unit hangs on the side ad is a big round deal that you plug the coils into. I spent yesterday fixing many of my HBrigs. Most of my big coils were bang on but several of my little ones like for my TNT grid were woefully off. The GDO was almost NOS. The guy said it had only been used once . Not a mark a scratch or nothing, like it was made yesterday and yet date is just after WW2.(1946) I say all this to suggest if you dont have one dont delay. I did and now I plainly see the error of my cheapness. I have already saved myself hours of frustratio with what I fix yesterday.Now I wonder about the stuff I gave up on . could it be? Unfortunatley , yes.
I shelled out $40 . I figure I have already recovered that in value. learning a bit each day. I was wrong not get one one years ago. Don Ve3LYX

6867. Re: [AWA Group] Grid dip oscillator

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 23:09:52 UTC
From: Larry Szendrei
Topic: 6866 Message: 6867

On 11/18/12 5:47 PM, Don wrote:
>
> For years , my wj hole life ven I have gotten by without a GDO.
> This weekend at the Kingston hamfest I scored an old Measurments
> set(Mc Graw Edison.) The one with the power supply and meter in a
> slanted crickle finish cabinet and the coils in a nice hardwood tray
> in the back. The unit hangs on the side ad is a big round deal that
> you plug the coils into. I spent yesterday fixing many of my HBrigs.
> Most of my big coils were bang on but several of my little ones like
> for my TNT grid were woefully off. The GDO was almost NOS. The guy
> said it had only been used once . Not a mark a scratch or nothing,
> like it was made yesterday and yet date is just after WW2.(1946) I say
> all this to suggest if you dont have one dont delay. I did and now I
> plainly see the error of my cheapness. I have already saved myself
> hours of frustratio with what I fix yesterday.Now I wonder about the
> stuff I gave up on . could it be? Unfortunatley , yes.
> I shelled out $40 . I figure I have already recovered that in value.
> learning a bit each day. I was wrong not get one one years ago. Don
> Ve3LYX .
>
>
>

I have the same unit, Don. Very handy tool, especially for those of us
who build stuff. Can't imagine getting by without one. Congrats.

73,
-Larry/NE1S

6868. The 160 coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 23:14:36 UTC
From: N1BUG
Topic: 6868 Message: 6868
Attachments: 1 described; binary payloads are missing from this source WARC

I must admit I find this entire matter of wire coils most perplexing. Never the less, after two weeks experimenting with various methods of constructing wire coils (most failed to produce an acceptable coil) I have today succeeded in constructing coils I can live with. They ended up being #12 bare copper, space wound on 3 inch diameter bakelite tube. Now, in order to (hopefully) keep the copper relatively bright, I plan to give them a coat of lacquer. This should help to secure the turns in place as well. Someone stop me if this seems like a bad idea!

The method which finally worked involved building a coil winder, then winding the wire on a 2 inch piece of schedule 40 PVC pipe first, under considerable tension. The coils were then slipped (with some effort) onto the larger bakelite tube. Having found no material of the proper diameter to wind between turns for spacing, they have been adjusted by eye alone! I don't think they look too horrible. But, you be the judge. Constructive criticism always most welcome.

Tuned on 1805 Kc, getting about 7 watts out.

73,
Paul N1BUG

6869. Re: [AWA Group] The 160 coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 23:18:40 UTC
From: Louis Vermond
Topic: 6868 Message: 6869
Attachments: 1 described; binary payloads are missing from this source WARC

Fame & fortune are yours, Bugsy!

----- Original Message -----
From: N1BUG
To: AWAGroup
Sent: 2012-11-18 6:14 PM
Subject: [AWA Group] The 160 coils

I must admit I find this entire matter of wire coils most perplexing. Never the less, after two weeks experimenting with various methods of constructing wire coils (most failed to produce an acceptable coil) I have today succeeded in constructing coils I can live with. They ended up being #12 bare copper, space wound on 3 inch diameter bakelite tube. Now, in order to (hopefully) keep the copper relatively bright, I plan to give them a coat of lacquer. This should help to secure the turns in place as well. Someone stop me if this seems like a bad idea!

The method which finally worked involved building a coil winder, then winding the wire on a 2 inch piece of schedule 40 PVC pipe first, under considerable tension. The coils were then slipped (with some effort) onto the larger bakelite tube. Having found no material of the proper diameter to wind between turns for spacing, they have been adjusted by eye alone! I don't think they look too horrible. But, you be the judge. Constructive criticism always most welcome.

Tuned on 1805 Kc, getting about 7 watts out.

73,
Paul N1BUG

6870. Fwd: [AWA] Homebrewing Alive and Well

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 23:20:06 UTC
From: Larry Szendrei
Topic: 6870 Message: 6870

Check out IT9OSF's homebrew equipment on QRZ. Simply beautiful work.

73,
-Larry/NE1S

-------- Original Message --------
Subject: [AWA] Homebrewing Alive and Well
Date: Sat, 17 Nov 2012 12:15:35 -0500
From: Gary Carter <gcarter01@...>
Reply-To: antiquewirelessassociation@yahoogroups.com
To: AWA <antiquewirelessassociation@yahoogroups.com>, CC-AWA
<cc-awa@yahoogroups.com>

I just completed a QSO on 10 meter SSB with IT9OSF in Sicily. I was rather taken aback when Giovanni told me his rig was homebrew so I checked out his listing on QRZ.COM while talking to him. Needless to say when I saw the photos on his QRZ page I was blown away at the quality of construction of his tube based ham rigs plus his hombrew replica(?) of an Italian facist peoples radio (hello, calling Robert Lozier?). Do yourself a favor and checkout the page for IT9OSF on QRZ.COM and I don't think you'll be disappointed!

73,

Gary - WA4IAM

6871. Re: [AWA Group] The 160 coils - BTW

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 23:21:17 UTC
From: N1BUG
Topic: 6868 Message: 6871

Forgot to mention... I found reference to transmitting coils constructed in this manner in 1926. That's good enough validation for me...

Paul

6872. Re: [AWA Group] The 160 coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 23:24:13 UTC
From: Larry Szendrei
Topic: 6868 Message: 6872

On 11/18/12 6:14 PM, N1BUG wrote:
>
> I must admit I find this entire matter of wire coils most perplexing.
> Never the less, after two weeks experimenting with various methods of
> constructing wire coils (most failed to produce an acceptable coil) I
> have today succeeded in constructing coils I can live with. They ended
> up being #12 bare copper, space wound on 3 inch diameter bakelite
> tube. Now, in order to (hopefully) keep the copper relatively bright,
> I plan to give them a coat of lacquer. This should help to secure the
> turns in place as well. Someone stop me if this seems like a bad idea!
>
Not a bad idea at all, AFAIK.

> The method which finally worked involved building a coil winder, then
> winding the wire on a 2 inch piece of schedule 40 PVC pipe first,
> under considerable tension. The coils were then slipped (with some
> effort) onto the larger bakelite tube. Having found no material of the
> proper diameter to wind between turns for spacing, they have been
> adjusted by eye alone! I don't think they look /*too */horrible. But,
> you be the judge. Constructive criticism always most welcome.
>
Paul, they are gorgeous. The turns spacing looks very even. Great job.

73,
-Larry/NE1S

6873. Re: [AWA Group] The 160 coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-18 23:28:35 UTC
From: ve7sl@shaw.ca
Topic: 6868 Message: 6873

OMG Paul...you have given me palpitations! Simply beautiful and I know they will push some RF to VE7 land on weekend two!! Nice job.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6874. Re: [AWA Group] The 160 coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 01:05:02 UTC
From: Louis Vermond
Topic: 6868 Message: 6874
Attachments: 1 described; binary payloads are missing from this source WARC

----- Original Message -----
From: N1BUG
To: AWAGroup
Sent: 2012-11-18 6:14 PM
Subject: [AWA Group] The 160 coils

I must admit I find this entire matter of wire coils most perplexing. Never the less, after two weeks experimenting with various methods of constructing wire coils (most failed to produce an acceptable coil) I have today succeeded in constructing coils I can live with. They ended up being #12 bare copper, space wound on 3 inch diameter bakelite tube. Now, in order to (hopefully) keep the copper relatively bright, I plan to give them a coat of lacquer. This should help to secure the turns in place as well. Someone stop me if this seems like a bad idea!

The method which finally worked involved building a coil winder, then winding the wire on a 2 inch piece of schedule 40 PVC pipe first, under considerable tension. The coils were then slipped (with some effort) onto the larger bakelite tube. Having found no material of the proper diameter to wind between turns for spacing, they have been adjusted by eye alone! I don't think they look too horrible. But, you be the judge. Constructive criticism always most welcome.

Tuned on 1805 Kc, getting about 7 watts out.

73,
Paul N1BUG

6875. Re: The 160 coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 01:12:14 UTC
From: ab9zg@ymail.com
Topic: 6868 Message: 6875

Looks authentic all right. So how did you end up getting the wire to stay in place when the coil is off the transmitter?

6876. On GL values... again

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 01:19:12 UTC
From: N1BUG
Topic: 6876 Message: 6876

Recent discussion on grid leak values prompted me to repeat a subset of the experiments I performed when I built the TNT. For whatever it may be worth:

UX-210 in TNT circuit

Going from 50K to the recommended 10K grid leak more than doubles the maximum obtainable plate current, but obtainable RF output barely increases at all. Growl and chirp increase considerably. Naturally the tube runs much hotter since power input has more than doubled with practically no increase in output. The test was performed at both 1.805 and 3.555 MHz with two different tubes. Results were nearly identical at both frequencies and with both tubes. Of course, I don't know if this is typical or unique to my setup. If this is typical, it makes one wonder how they arrived at 10K as the recommended value...

Lou, you might want to go the other way. Try 5K for a nice crappy signal. Couldn't help myself. ;o)

73,
Paul N1BUG

6877. Re: [AWA Group] Re: The 160 coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 01:24:09 UTC
From: N1BUG
Topic: 6868 Message: 6877
Attachments: 1 described; binary payloads are missing from this source WARC

So how did you end up getting the wire to stay in place when the coil is off the transmitter?
Brass eyelet and solder lug on the tank coil. Machine screw and solder lug on the antenna coil.

73,
Paul N1BUG

6878. Re: [AWA Group] The 160 coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 01:25:32 UTC
From: N1BUG
Topic: 6868 Message: 6878

Fame & fortune are yours, Bugsy!

Fame is over-rated. Where do I go to collect the fortune?

Bugsy

6879. Re: [AWA Group] Fwd: [AWA] Homebrewing Alive and Well

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 01:29:28 UTC
From: N1BUG
Topic: 6870 Message: 6879

Check out IT9OSF's homebrew equipment on QRZ. Simply beautiful work.

WOW!

Paul

6880. Re: [AWA Group] On GL values... again

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 01:42:22 UTC
From: Louis Vermond
Topic: 6876 Message: 6880

Lou, you might want to go the other way. Try 5K for a nice crappy signal. Couldn't help myself. ;o)

For that you'll get a 599X...

6881. RE: [AWA Group] G.E. Ham News

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 02:04:38 UTC
From: Steve Flood
Topic: 6860 Message: 6881

How about we throw these in the mix too Eddy.

http://n4trb.com/AmateurRadio/RCA_Ham_Tips/rca_ham_tips.htm

..good stuff.

Steve KK7UV

6882. Re: [AWA Group] The 160 coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 02:13:20 UTC
From: Louis Vermond
Topic: 6868 Message: 6882

Where do I go to collect the fortune? Go into production.... Millions...Millions!

----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: 2012-11-18 8:25 PM
Subject: Re: [AWA Group] The 160 coils

Fame & fortune are yours, Bugsy!
Bugsy

6883. RE: [EXTERNAL EMAIL] :Re: [AWA Group] Grid dip oscillator

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 03:12:05 UTC
From: Bauman, John
Topic: 6866 Message: 6883

A GDO also doubles as a great xtal checker. I found pins that would plug it to where the coils go and soldred
alligator clips to the ends. Plugging these into the the GDO then clipping a crystal on to the alligator clips allows
for testing of the xtal. When the GDO has warmed up I turn the dial till I get max deflection of the meter. I use
a frequency counter with a scope probe to read xtal freq, the ground of the probe is clipped to the GDO case
with the probe tip touchs the xtal case. Works FB!

John
KB7NRN

_____
From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei [ne1s@...]
Sent: Sunday, November 18, 2012 3:09 PM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :Re: [AWA Group] Grid dip oscillator

On 11/18/12 5:47 PM, Don wrote:

For years , my wj hole life ven I have gotten by without a GDO.
This weekend at the Kingston hamfest I scored an old Measurments set(Mc Graw Edison.) The one with the power supply and meter in a slanted crickle finish cabinet and the coils in a nice hardwood tray in the back. The unit hangs on the side ad is a big round deal that you plug the coils into. I spent yesterday fixing many of my HBrigs. Most of my big coils were bang on but several of my little ones like for my TNT grid were woefully off. The GDO was almost NOS. The guy said it had only been used once . Not a mark a scratch or nothing, like it was made yesterday and yet date is just after WW2.(1946) I say all this to suggest if you dont have one dont delay. I did and now I plainly see the error of my cheapness. I have already saved myself hours of frustratio with what I fix yesterday.Now I wonder about the stuff I gave up on . could it be? Unfortunatley , yes.
I shelled out $40 . I figure I have already recovered that in value. learning a bit each day. I was wrong not get one one years ago. Don Ve3LYX .

I have the same unit, Don. Very handy tool, especially for those of us who build stuff. Can't imagine getting by without one. Congrats.

73,
-Larry/NE1S

6884. Re: [AWA Group] Grid dip oscillator

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 12:04:17 UTC
From: N1BUG
Topic: 6866 Message: 6884

I must be really challenged... and not in a good way!
I've bought two GDO's over the years and got so frustrated with them I got rid of them. I could never seem to get them to show me a dip on anything. The first may have been a questionable unit - a hamfest find. The second came from a very knowledgeable friend who said he'd just gone over it and made sure it was top notch. I guess they require skills I haven't developed.

Sorry for mentioning modern stuff here, but.... A few years ago I bought an MFJ-259B antenna analyzer. Since it and all accessories for it were on sale I also bought the carrying case, AC power supply, and GDO coils. The latter I had little hope for, based on prior experience. Much to my surprise, this modern piece of questionable quality apparatus works FB as a GDO. I used it just yesterday to check resonance of the 160m coil on the TNT before firing up the rig. It nailed the frequency within 1 kHz of what I actually got with the rig "hot".

73,
Paul N1BUG

6885. Re: [AWA Group] Re: Yikes...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 12:31:16 UTC
From: N1BUG
Topic: 6681 Message: 6885

I've been so busy going nuts on the coil winding thing I dropped the ball on a few topics of interest... here's one.

On 11/12/2012 01:13 PM, Steve Flood wrote:

My question….

…Does 1dB of RF, after making it’s way through all the RX and audio circuit, translate to 1dB of audio power?

I ran a little signal generator (fixed 50uV and 1uV outputs) through my Kay step attenuator and into an antenna. While stepping down 1dB at a time and listening over the air on a receiver, I really could not perceive a 1dB step that made a signal pop in/out of the noise. However, at a 2dB step – I could just perceive it.

Interesting, Steve. I don't have a definitive answer for your question. While testing receivers with a signal generator I have at times observed that a 1 dB change will make the signal go from not really audible to definitely audible. At other times (different receivers), it would take 2 or even 3 dB to make the same apparent change. Why? I have no idea. I suspect, but cannot prove nor explain why, that it depends on the receiver under test.

73,
Paul N1BUG

6886. Re: [AWA Group] Mini-project - RF meter vs note

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 12:37:31 UTC
From: N1BUG
Topic: 6791 Message: 6886

Following up on the subject of thermocouple type RF meters sometimes upsetting the note quality... I did perform this test with the "special" Jewell 64 meter and did not hear any difference with the meter out of circuit. One of these days I will repeat the test using the Weston 425 meter.

73,
Paul N1BUG

On 11/16/2012 11:47 AM, Steve Flood wrote:

moving the clip to the output side of the meter (thus bypassing it) will be enough to clear things up.

Brilliant, and simple.

6887. RE: [AWA Group] Grid dip oscillator

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 12:53:21 UTC
From: Steve Flood
Topic: 6866 Message: 6887

I have a Millen GDO here that works fairly well. I think one of the tricks with GDOs is to couple as lightly as possible to whatever you are measuring. I'll couple closely to find the dip and then reduce the coupling (increase the distance) until the dip is just detectable. In many cases the close-coupled and loose-coupled dip frequencies are up to several tens of kHz apart depending on the circuit. I have to listen for the Millen GDO in a receiver because the tuning scale does not have enough detail.

Steve KK7UV

6888. Re: [EXTERNAL EMAIL] :[AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 13:16:48 UTC
From: N1BUG
Topic: 6814 Message: 6888

On 11/16/2012 04:51 PM, Bauman, John wrote:

Paul, you need a “leg key” the ‘ol pilots used.

Hmm. I need something, for sure John. I think for now it's going to be a board laying across the arms of my chair, but in the long term I'm not sure. The vintage operating desk is a bit too high for comfortable sending even if I got the TNT off onto its own shelf. Besides, I kind of like the idea of having the whole transmitter (when it is done) lined up all on the top shelf of the desk. :)

73,
Paul N1BUG

6889. Re: [AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 13:18:04 UTC
From: N1BUG
Topic: 6814 Message: 6889

Robert, I didn't hear you. I wonder if you heard any of us that evening?

73,
Paul N1BUG

On 11/16/2012 05:54 PM, KG4KGL wrote:

I'll be listening…

73,

Robert
KG4KGL

6890. Fw: Need 10k 4-watt Resistor for Mating Game

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 13:26:52 UTC
From: Louis Vermond
Topic: 6890 Message: 6890

Hi, Lou. This would likely be a wirewound. Surprised I don’t have one. Any chance you or one of the fellows you keep in touch with might? A couple of 5k or 20k would be fine too. This is to mate my Johnson 122 VFO with my Johnson Adventurer transmitter. Cheers es 73. Harry, VE3GRO

6891. Re: [AWA Group] Grid dip oscillator

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 13:28:45 UTC
From: N1BUG
Topic: 6866 Message: 6891

The problem I inevitably seemed to have with GDO's was multiple, shallow dips. Not far enough apart to be harmonics. Light coupling didn't seem to change much, and even with the GDO not coupled to anything most of the shallow dips were still there! Rarely was there a dip that stood out as being different. It was like hunting for a tree in a forest. Which dip is my circuit under test? Are any of them it? I don't know if it was me or if (somehow) both GDO's had issues. One was a Millen and the other a Heathkit GD-1B.

73,
Paul N1BUG

On 11/19/2012 07:53 AM, Steve Flood wrote:

I have a Millen GDO here that works fairly well. I think one of the tricks with GDOs is to couple as lightly as possible to whatever you are measuring. I'll couple closely to find the dip and then reduce the coupling (increase the distance) until the dip is just detectable. In many cases the close-coupled and loose-coupled dip frequencies are up to several tens of kHz apart depending on the circuit. I have to listen for the Millen GDO in a receiver because the tuning scale does not have enough detail.

Steve KK7UV

6892. Re: [AWA Group] G.E. Ham News

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 13:43:33 UTC
From: Eddy Swynar
Topic: 6860 Message: 6892

On 2012-11-18, at 9:04 PM, Steve Flood wrote:

>
> How about we throw these in the mix too Eddy…
>
> http://n4trb.com/AmateurRadio/RCA_Ham_Tips/rca_ham_tips.htm
>
> ….good stuff.
>
>

VERY good stuff, indeed, Steve...!

That's another site that I'm saving in my "Favourites" folder---many thanks!

~73~ de Eddy VE3CUI - VE3XZ

6893. Re: [EXTERNAL EMAIL] :[AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 14:20:04 UTC
From: Steve Flood
Topic: 6814 Message: 6893

My old desk was too high for comfortable straight-key sending. I remedied that by placing a board across an opened desk drawer. Perfect height.

Steve, KK7UV

6894. RE: [EXTERNAL EMAIL] :Re: [AWA Group] Grid dip oscillator

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 15:18:02 UTC
From: Bauman, John
Topic: 6866 Message: 6894

Paul,
I have the Heathkit GD-1A GDO and it works FB. I have only seen two dips, one on the meter and one holding the meter! ;^)
There shouldn't be multiple dips, just one. Like Steve said, if you close couple, it skews the freq but it gives you a nice deep dip.
You just give it a little more distance to loosen the coupling and you should get a smaller dip on freq.
I also use a crystal to spot my freq. I put a crystal in the coil socket, like I mentioned before, peak the meter, remove the crystal
and put in the proper coil. I don't touch the GDO dial, I vary the C in my LC circuit under test to see if it dips where the GDO is
tuned.

One thing to note about the GD-1A, the coils don't always make good contact when plugged in.

John
KB7NRN

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG

The problem I inevitably seemed to have with GDO's was multiple, shallow dips. Not far enough apart to be harmonics. Light coupling didn't seem to change much, and even with the GDO not coupled to anything most of the shallow dips were still there! Rarely was there a dip that stood out as being different. It was like hunting for a tree in a forest. Which dip is my circuit under test? Are any of them it? I don't know if it was me or if (somehow) both GDO's had issues. One was a Millen and the other a Heathkit GD-1B.

73,
Paul N1BUG

On 11/19/2012 07:53 AM, Steve Flood wrote:
I have a Millen GDO here that works fairly well. I think one of the tricks with GDOs is to couple as lightly as possible to whatever you are measuring. I'll couple closely to find the dip and then reduce the coupling (increase the distance) until the dip is just detectable. In many cases the close-coupled and loose-coupled dip frequencies are up to several tens of kHz apart depending on the circuit. I have to listen for the Millen GDO in a receiver because the tuning scale does not have enough detail.

Steve KK7UV

6895. Re: [AWA Group] testing tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 13:27:31 UTC
From: KG4KGL
Topic: 6814 Message: 6895

No. After dinner I ended up with a headache and did not get on the air.

73,

Robert
KG4KGL

On Nov 19, 2012, at 8:18, N1BUG <paul@...> wrote:

> Robert, I didn't hear you. I wonder if you heard any of us that evening?
>
> 73,
> Paul N1BUG
>
>
> On 11/16/2012 05:54 PM, KG4KGL wrote:
>> I'll be listening…
>>
>> 73,
>>
>> Robert
>> KG4KGL
>
>

6896. Re: [AWA Group] The 160 coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 13:48:37 UTC
From: Eddy Swynar
Topic: 6868 Message: 6896

Hi Paul,

Absolutely a thing of beauty...congratulations!

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-18, at 6:14 PM, N1BUG wrote:

> I must admit I find this entire matter of wire coils most perplexing. Never the less, after two weeks experimenting with various methods of constructing wire coils (most failed to produce an acceptable coil) I have today succeeded in constructing coils I can live with. They ended up being #12 bare copper, space wound on 3 inch diameter bakelite tube. Now, in order to (hopefully) keep the copper relatively bright, I plan to give them a coat of lacquer. This should help to secure the turns in place as well. Someone stop me if this seems like a bad idea!
>
> The method which finally worked involved building a coil winder, then winding the wire on a 2 inch piece of schedule 40 PVC pipe first, under considerable tension. The coils were then slipped (with some effort) onto the larger bakelite tube. Having found no material of the proper diameter to wind between turns for spacing, they have been adjusted by eye alone! I don't think they look too horrible. But, you be the judge. Constructive criticism always most welcome.
>
> <160coils.jpg>
>
> Tuned on 1805 Kc, getting about 7 watts out.
>
> 73,
> Paul N1BUG
>
>
>

6897. Re: [AWA Group] Fw: Need 10k 4-watt Resistor for Mating Game

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 20:03:34 UTC
From: Jim Robson
Topic: 6890 Message: 6897

Hi, Harry--I have some 10K 10 watters. If that is helpful, let me know. I am going to the post office tomorrow. 73, Jim/VE3BHK.

On 19/11/12 8:26 AM, Louis Vermond wrote:
>
>
> Hi, Lou. This would likely be a wirewound. Surprised I don?t have one.
> Any chance you or one of the fellows you keep in touch with might? A
> couple of 5k or 20k would be fine too. This is to mate my Johnson 122
> VFO with my Johnson Adventurer transmitter. Cheers es 73. Harry, VE3GRO
>

6898. Coil Winding Gizmo

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 19:05:27 UTC
From: Eddy Swynar
Topic: 6898 Message: 6898

Hi Larry (NE1S)...

How is that Canadian coil-winding machine working out for you...? Is it well-suited for what we OT radio aficionados might appreciate...? Do you have an jpegs of coils that you completed using it...?

~73~ de Eddy VE3CUI - VE3XZ

6899. RCA AR-88 Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 19:22:18 UTC
From: Eddy Swynar
Topic: 6899 Message: 6899

Hi Guys,

For those of you who may have lusted after this classic BA receiver for many years:

Larry VE2DO [(514) 695-3528] in Montreal QC has listed the following:

For Sale (last updated 11-18-2012, listed 11-11-2012)
Manufacturer: RCA
Model: AR 88LF RECEIVER
Price: $ 165.00
I HAVE FOR SALE AN AR 88 LF RECEIVER IN GOOD CONDITION WITH CABINET.
IT IS A GENERAL COVERAGE(EXCEPT THE BROADCAST BAND)(BUT INCLUDES THE VLF BAND FROM 100 KHZ)
ALL TUBE SHORTWAVE RECEIVER.FULLY TESTED AND WORKING. PICKUP ONLY IN MONTREAL DUE TO ITS
WEIGHT.

6900. Question re National Cap...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 20:19:13 UTC
From: Louis Vermond
Topic: 6900 Message: 6900
Attachments: 1 described; binary payloads are missing from this source WARC

Can anyone tell me the part number for this National variable, 120 pfd. per section? I've looked thru all my applicable Handbook National catalogues, but nothing on it.

Also, is this the cap (120 pfd.) used in the FB-7s and later SW-3s?

Tks, Lou

6901. Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 21:01:13 UTC
From: Leonard Meek
Topic: 3957 Message: 6901

My journal arroved today, in pretty bad shape. It was repackaged in a plastic bag and all the $100 bills were missing.

Leonard

6902. 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 21:03:42 UTC
From: N1BUG
Topic: 6902 Message: 6902

I will put out a few calls at 7 & 8 PM eastern on 1805 Kc or slightly higher if that happens to be busy (not likely).

160 meter tank & antenna coils, as well as 160, 80, 40 meter grid coils have been coated with lacquer. Nice stuff! The TNT project is now officially complete.

73,
Paul N1BUG

6903. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 21:08:19 UTC
From: ve7sl@shaw.ca
Topic: 6902 Message: 6903

> I will put out a few calls at 7 & 8 PM eastern on 1805 Kc or slightly
> higher if that happens to be busy (not likely).
>
> 160 meter tank & antenna coils, as well as 160, 80, 40 meter grid coils
> have been coated with lacquer. Nice stuff! The TNT project is now
> officially complete.

It will be a bit on the early side out here Paul but I will give a listen at
the 8PM broadcast...you never know with that band.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6904. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 21:21:47 UTC
From: Louis Vermond
Topic: 6902 Message: 6904

Paul,

I will be on at both times.

What is your 160 output pwr?

Lou

I will put out a few calls at 7 & 8 PM eastern on 1805 Kc or slightly higher if that happens to be busy (not likely).

160 meter tank & antenna coils, as well as 160, 80, 40 meter grid coils have been coated with lacquer. Nice stuff! The TNT project is now officially complete.

73,
Paul N1BUG

6905. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 21:38:17 UTC
From: N1BUG
Topic: 6902 Message: 6905

Thanks Steve & Lou!

Lou, 160m output is about 7 watts. Antenna is at least as good as the one I use on 80m. Actually I have a couple of antenna options on 160m.

Steve, if you'd like to try later - either tonight or another night - I'll gladly get on for a sked with you.

73,
Paul N1BUG

6906. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 22:31:23 UTC
From: ve7sl@shaw.ca
Topic: 6902 Message: 6906

Anytime you want to stay up late Paul...it's up to you! Personally I think it might be more gratifying to anticipate our possible160m BK QSO on weekend #2 when both running '29 style! BTW....I assume that you are not doing the ARRL 160 on weekend #1? It was a contest that I regularly enjoyed every winter up until the '29 bug bit me...too bad about the choice of weekend. Deep down, I'm rather hoping that the 'mystery XYL complainant' gets her wish :-)

Steve / 73

> Thanks Steve & Lou!
>
> Lou, 160m output is about 7 watts. Antenna is at least as good as the one
> I use on 80m. Actually I have a couple of antenna options on 160m.
>
> Steve, if you'd like to try later - either tonight or another night - I'll
> gladly get on for a sked with you.
>
> 73,
> Paul N1BUG
>
>
>
>
>
>
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6907. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 22:35:40 UTC
From: Eddy Swynar
Topic: 6902 Message: 6907

Hi Paul,

I'll most likely be in the shack tonight fruitlessly attempting (yet again!) a QSO with either PT0S, or C50C...

When I'm down there I'll tune below 1810-KHz for your signal.

Not sure of the times, though---I'll just play it by ear. If you're up & about, I just know that I'll hear you.

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-19, at 5:31 PM, <ve7sl@...> <ve7sl@...> wrote:

> Anytime you want to stay up late Paul...it's up to you! Personally I think
> it might be more gratifying to anticipate our possible160m BK QSO on weekend
> #2 when both running '29 style! BTW....I assume that you are not doing the
> ARRL 160 on weekend #1? It was a contest that I regularly enjoyed every
> winter up until the '29 bug bit me...too bad about the choice of weekend.
> Deep down, I'm rather hoping that the 'mystery XYL complainant' gets her
> wish :-)
>
> Steve / 73
>
> > Thanks Steve & Lou!
> >
> > Lou, 160m output is about 7 watts. Antenna is at least as good as the one
> > I use on 80m. Actually I have a couple of antenna options on 160m.
> >
> > Steve, if you'd like to try later - either tonight or another night - I'll
> > gladly get on for a sked with you.
> >
> > 73,
> > Paul N1BUG
> >
> >
> >
> >
> >
> >
> >
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>
>

6908. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 23:10:35 UTC
From: N1BUG
Topic: 6902 Message: 6908

Waiting for the second weekend of the BK is fine with me Steve. I'll *be* up that night, and on 160 if there is any activity! I sure hope conditions cooperate with us! 160 hasn't been sounding all that good lately. Downright poor, in fact. Tonight seems a little better than most of late, but still not great by any means. The Europeans are coming in well and I heard bits of XW2CW long path.

I'm going to do the BK both weekends. ARRL 160 has long been one of my favorite events of the year. I still hold the Maine record for Single Op QRP in ARRL 160, though I usually entered QRO and got chewed up by the bigger dogs, hi! I'm rather hoping the 'mystery XYL complainant' gets her wish, too... although to be honest, ARRL 160 hasn't been as much fun since I bought my current rig. Great on features and ergonomics, lousy on basic receiver performance. :-(

73,
Paul N1BUG

On 11/19/2012 05:31 PM, ve7sl@... wrote:
> Anytime you want to stay up late Paul...it's up to you! Personally I think
> it might be more gratifying to anticipate our possible160m BK QSO on weekend
> #2 when both running '29 style! BTW....I assume that you are not doing the
> ARRL 160 on weekend #1? It was a contest that I regularly enjoyed every
> winter up until the '29 bug bit me...too bad about the choice of weekend.
> Deep down, I'm rather hoping that the 'mystery XYL complainant' gets her
> wish :-)
>
> Steve / 73

6909. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 23:13:37 UTC
From: N1BUG
Topic: 6902 Message: 6909

Sounds good Eddy!

I might call at other times too, depending on how long I stay awake and what else (if anything) is happening on the bands. I hope we get a chance to QSO later.

I'm astounded you haven't worked PT0S yet. I know they are struggling on receive, but you're not exactly weak!! hi hi

73,
Paul N1BUG

On 11/19/2012 05:35 PM, Eddy Swynar wrote:

Hi Paul,

I'll most likely be in the shack tonight fruitlessly attempting (yet again!) a QSO with either PT0S, or C50C...

When I'm down there I'll tune below 1810-KHz for your signal.

Not sure of the times, though---I'll just play it by ear. If you're up & about, I just know that I'll hear you.

~73~ de Eddy VE3CUI - VE3XZ

6910. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 23:18:03 UTC
From: ve7sl@shaw.ca
Topic: 6902 Message: 6910

> but you're not exactly weak!! hi hi

I've seen Eddie's topband signal actually push my s-meter to the +20db over mark around his sunrise. I think he must have a pair of 304TL's that he's not telling us about.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6911. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-19 23:20:59 UTC
From: ve7sl@shaw.ca
Topic: 6902 Message: 6911

> 160 hasn't been sounding all that good
> lately. Downright poor, in fact.

I agree...we are stuck with a solar peak (?) that is not good enough for 6m but still active enough to detroy 160. It would be nice to see one or the other change...I'm pretty sure it's not going to make it to six though....sad after an 11 year wait and knowing just how amazing F2 can be on the magic band.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6912. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 00:17:43 UTC
From: Eddy Swynar
Topic: 6902 Message: 6912

On 2012-11-19, at 6:18 PM, <ve7sl@...> <ve7sl@...> wrote:

> I've seen Eddie's topband signal actually push my s-meter to the +20db over
> mark around his sunrise. I think he must have a pair of 304TL's that he's
> not telling us about.
>
>
>

Hi Steve,

Well, actually I really & truly DO have several 304TL's here, but my HB amplifier consists of nothing more elaborate, or exotic, than a pair of ol' 813s in parallel grounded-grid service...

The antenna is the key, I think! but even it has yielded no joy thus far in snaring PT0S!

The band---for me here, at any rate---has been essentially in the crapper since I got on this season...

~73~ de Eddy VE3CUI - VE3XZ

6913. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 00:22:43 UTC
From: ve7sl@shaw.ca
Topic: 6902 Message: 6913

> but my HB amplifier consists of nothing more elaborate, or exotic, than a
> pair of ol' 813s in parallel grounded-grid service...

OK Eddy....nudge-nudge...wink-wink... ;-)

>The antenna is the key, I think! but even it has yielded no joy thus far in
>snaring PT0S!

Last Monday night was the best I have heard him...peaking 569 with heavy and slow fade rates...have heard him very weakly on and off since but never that strong again. I think we are running out of time for them? Too many flares as well are not helping us.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6914. Re: [AWA Group] Coil Winding Gizmo

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 00:41:13 UTC
From: Larry Szendrei
Topic: 6898 Message: 6914

On 11/19/12 2:05 PM, Eddy Swynar wrote:
>
> */Hi Larry (NE1S).../*
>
>
> How is that Canadian coil-winding machine working out for you...? Is
> it well-suited for what we OT radio aficionados might appreciate...?
> Do you have an jpegs of coils that you completed using it...?
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>
I'm sorry to say I haven't put it yo use yet, Eddy. The projects I'm able to do in my current state are still somewhat limited, and none of them involve coil-winding.

Should work fine, though, on forms that are open on both ends. Will have to fashion some disks - easy to do - to clamp larger forms to the shaft. Or maybe get someone to turn some cones on a lathe for me, which would be better. Still need to figure out a way to attach a form that is closed on one end such as a pug-in coil form. This coil winder doesn't have the reciprocating wire guide, like the old Morris units did, for pie-wound chokes.

73,
-Larry/NE1S

6915. Re: [AWA Group] The 160 coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 01:44:00 UTC
From: steve harvey
Topic: 6868 Message: 6915
Attachments: 1 described; binary payloads are missing from this source WARC

I think they look groovy, Paul.
no really, they're great. a truly authenic look.
I'm sure my grandfather hand wound his coils as well!
a lovely rig, sir.
73
steve N6QBQ

From: N1BUG <paul@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Sunday, November 18, 2012 3:14 PM
Subject: [AWA Group] The 160 coils

I must admit I find this entire matter of wire coils most perplexing. Never the less, after two weeks experimenting with various methods of constructing wire coils (most failed to produce an acceptable coil) I have today succeeded in constructing coils I can live with. They ended up being #12 bare copper, space wound on 3 inch diameter bakelite tube. Now, in order to (hopefully) keep the copper relatively bright, I plan to give them a coat of lacquer. This should help to secure the turns in place as well. Someone stop me if this seems like a bad idea!

The method which finally worked involved building a coil winder, then winding the wire on a 2 inch piece of schedule 40 PVC pipe first, under considerable tension. The coils were then slipped (with some effort) onto the larger bakelite tube. Having found no material of the proper diameter to wind between turns for spacing, they have been adjusted by eye alone! I don't think they look too horrible. But, you be the judge. Constructive criticism always most welcome.

Tuned on 1805 Kc, getting about 7 watts out.

73,
Paul N1BUG

6916. 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 02:22:24 UTC
From: ve7sl@shaw.ca
Topic: 6902 Message: 6916

No sign of you here Paul but I think I hear a W2 working you on 1805.7.....think he said he is using a dipole but hard to catch his call...very weak...maybe he is '29 also? Sounded like it might be W2AMI ?

Steve ....back to the PT0S watch

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6917. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 02:25:30 UTC
From: N1BUG
Topic: 6902 Message: 6917

Nothing heard from you, Steve, unfortunately. But I worked a total of 5 stations on 160 tonight... VE3AWA, VE3CUI, K4JYS, WA8DOF, and that last one was W2BWL (non-AWAer). Boy this is fun! Thanks everyone for the QSOs!

Good luck with PT0S! I'm wondering if I want to stay up and see if I can get across the Atlantic with the TNT. Nah... too crazy.

73,
Paul N1BUG

On 11/19/2012 09:22 PM, ve7sl@... wrote:
> No sign of you here Paul but I think I hear a W2 working you on
> 1805.7.....think he said he is using a dipole but hard to catch his
> call...very weak...maybe he is '29 also? Sounded like it might be W2AMI ?
>
> Steve ....back to the PT0S watch

6918. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 02:35:45 UTC
From: ve7sl@shaw.ca
Topic: 6902 Message: 6918

> that last one was W2BWL (non-AWAer).

nice going Paul...it's that super antenna of yours. The call I wrote down was clsoe...'W2BWI', but when that didn't show up in qrz I guessed at W2AMI....did he say what he was running? I didn't copy any of the others, just him. Sounds as though you must have started out before 9PM?

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6919. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 02:51:09 UTC
From: N1BUG
Topic: 6902 Message: 6919

> did he say what he was running? I didn't copy any of the others,
> just him. Sounds as though you must have started out before 9PM?

100 watts to a dipole, unspecified height. He was the only one at 9 PM. My first call was about a minute early and he was right there. He was the only QSO at 9 PM.

7 pm... VE3AWA
8 pm... oh my gosh, a pileup!... VE3AWA, VE3CUI, K4JYS, WA8DOF
9 pm... W2BWL

BTW, the rig seems really happy at 600 volts. I don't think I have the nerve to go any higher though. If they were still making UX-210's, that would be different!

73,
Paul N1BUG

6920. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 03:43:26 UTC
From: ab9zg@ymail.com
Topic: 6902 Message: 6920

Wonder how long it lasted.

--- In AWAGroup@yahoogroups.com, N1BUG <paul@...> wrote:
> BTW, the rig seems really happy at 600 volts. I don't think I have
> the nerve to go any higher though. If they were still making
> UX-210's, that would be different!
>
> 73,
> Paul N1BUG
>

6921. Re: [AWA Group] Question re National Cap...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 06:39:19 UTC
From: Roger Kuchera
Topic: 6900 Message: 6921
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou,
     Yes, that is the specially insulated condenser used in nthe FBx and SW-3.

CUL, Roger/K1TG

--- On Mon, 11/19/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@sympatico.ca>
Subject: [AWA Group] Question re National Cap...
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Monday, November 19, 2012, 3:19 PM

Can anyone tell me the part number for this National variable, 120 pfd. per section? I've looked thru all my applicable Handbook National catalogues, but nothing on it.

Also, is this the cap (120 pfd.) used in the FB-7s and later SW-3s?

Tks, Lou

6922. Re: [AWA Group] Question re National Cap...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 09:55:12 UTC
From: Louis Vermond
Topic: 6900 Message: 6922
Attachments: 1 described; binary payloads are missing from this source WARC

Yes, that is the specially insulated condenser used in nthe FBx and SW-3.

GM Roger and tks...

Now, anyone have the part number?

Lou

6923. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 12:25:28 UTC
From: Eddy Swynar
Topic: 6902 Message: 6923

On 2012-11-19, at 9:25 PM, N1BUG wrote:

> Nothing heard from you, Steve, unfortunately. But I worked a total
> of 5 stations on 160 tonight... VE3AWA, VE3CUI, K4JYS, WA8DOF, and
> that last one was W2BWL (non-AWAer). Boy this is fun! Thanks
> everyone for the QSOs!
>
>

Hi Paul,

I swear, I could practically sense your excitement & enthusiasm coming through my 'phones with each QSO last night---"...kid, you done VERY good, indeed!"

I sure hope I never stomped all over Lou in my own enthusiasm to work you---but I thought I could hear an opening on the frequency, so jumped right in with my full KW & 3 elements, Hi Hi.

Your rig is VERY stable frequency-wise, and has no discernible chirp. The tone is a tad "growly", which is typical of that genre of transmitter---certainly nothing that one would call objectionable, but rather, unique in a MOST pleasant way.

As for my working PT0S, I have pretty much given-up on any such prospect: they were AWOL again last night, as was C50C. I understand that PT0S has had issues with the Elekraft K3 rigs that they're using: three out of four have failed them to some degree, or other. There's a lesson to be learned here: THEY SHOULDA STOCKED-UP ON 210s AS BACK-UP RIGS BEFORE DEPARTURE!!! Hi Hi

Congrats again on a successful "maiden voyage", Paul...

~73~ de Eddy VE3CUI - VE3XZ

6924. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 13:50:25 UTC
From: N1BUG
Topic: 6902 Message: 6924

Only have a minute, then a hectic day... so will have to catch up correspondence later.

Thanks Eddy and everyone for the fun. Lou was very patient as a run of callers followed you.

I never heard C50C put out a CQ last night but I did hear him answer and work a VA2-something who was CQ'ing. PT0S was late showing up... 0400Z ???... but did eventually make an appearance.

Sure... some 210s and a hand full of components will get a DXpediton on the air... hi!

73,
Paul

On 11/20/2012 07:25 AM, Eddy Swynar wrote:

Hi Paul,

I swear, I could practically sense your excitement & enthusiasm coming through my 'phones with each QSO last night---"...kid, you done VERY good, indeed!"

I sure hope I never stomped all over Lou in my own enthusiasm to work you---but I thought I could hear an opening on the frequency, so jumped right in with my full KW & 3 elements, Hi Hi.

Your rig is VERY stable frequency-wise, and has no discernible chirp. The tone is a tad "growly", which is typical of that genre of transmitter---certainly nothing that one would call objectionable, but rather, unique in a MOST pleasant way.

As for my working PT0S, I have pretty much given-up on any such prospect: they were AWOL again last night, as was C50C. I understand that PT0S has had issues with the Elekraft K3 rigs that they're using: three out of four have failed them to some degree, or other. There's a lesson to be learned here: THEY SHOULDA STOCKED-UP ON 210s AS BACK-UP RIGS BEFORE DEPARTURE!!! Hi Hi

Congrats again on a successful "maiden voyage", Paul...

~73~ de Eddy VE3CUI - VE3XZ

6925. Re: [AWA Group] Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 14:52:15 UTC
From: whitebear1122@comcast.net
Topic: 3957 Message: 6925

Too bad. My $100 bills where there. I used to get a sailing magazine that would come weeks late, and then when it did show up, the pages were all dog eared like it had been read many times by many people along the delivery route :) Later the publisher started putting the magazines in thick plastic bags and suddenly the magazine showed up on time every month. Amazing how a piece of plastic improved delivery time :) 73, Scott WA9WFA

----- Original Message -----
From: "Leonard Meek" <lemeek@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, November 19, 2012 3:01:13 PM
Subject: [AWA Group] Journal

My journal arroved today, in pretty bad shape. It was repackaged in a plastic bag and all the $100 bills were missing.

Leonard

6926. Re: [AWA Group] Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 15:28:45 UTC
From: Eddy Swynar
Topic: 3957 Message: 6926

Hi Guys,

I really MUST be living right here---my copy arrived the week before last, AND in its own sealed paper envelope!

~73~ de Eddy VE3CUI - VE3XZ

On 2012-11-20, at 9:52 AM, whitebear1122@... wrote:

>
> Too bad. My $100 bills where there. I used to get a sailing magazine that would come weeks late, and then when it did show up, the pages were all dog eared like it had been read many times by many people along the delivery route :) Later the publisher started putting the magazines in thick plastic bags and suddenly the magazine showed up on time every month. Amazing how a piece of plastic improved delivery time :) 73, Scott WA9WFA
>
> From: "Leonard Meek" <lemeek@...>
> To: AWAGroup@yahoogroups.com
> Sent: Monday, November 19, 2012 3:01:13 PM
> Subject: [AWA Group] Journal
>
>
>
> My journal arroved today, in pretty bad shape. It was repackaged in a plastic bag and all the $100 bills were missing.
>
> Leonard
>
>
>
>
>

6927. Buck - Boost System

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 15:47:50 UTC
From: Eddy Swynar
Topic: 6927 Message: 6927
Attachments: 2 described; binary payloads are missing from this source WARC

Hi John,

I did the best I can, what with this insidious Apple product here in all...!

As promised, here are the scanned pages of that circuit ("Line Voltage Adjuster"---two pages) I promised I'd send you on the weekend (better late than never, right...?!).

I just hope this iMac will allow you to open these up...(I absolutely despise this thing).

~73~ de Eddy VE3CUI - VE3XZ

6928. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 16:16:36 UTC
From: Larry Szendrei
Topic: 6902 Message: 6928

> Good luck with PT0S! I'm wondering if I want to stay up and see if I
> can get across the Atlantic with the TNT. Nah... too crazy.
>

A few years ago Lou told me I had been heard calling "AWA de NE1S" in England during the 1929 BK on 80M with the PP TNT rig. The gentleman's callsign and name escape me right now, but he was a listmember at the time. Lou probably knows who I'm taking about. Unfortunately he became a silent key soon thereafter. We also were successful in having an AM sked on 80M during the AWA AM QSO party. He was running 100W carrier with a plate modulated 813 - it sounded like some kind of Limey analog of an ART-13. I was running as much as I could without getting into trouble with the FCC.

73,
-Larry/NE1S

6929. RE: [EXTERNAL EMAIL] :[AWA Group] Buck - Boost System

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 18:45:30 UTC
From: Bauman, John
Topic: 6927 Message: 6929

Eddy,
Thanks for the scan.
I also ran across another twist of the buck/boost xformer;
With a typical xformer with secondaries of 5v, 6.3v and HV,
the 5v winding can be used to buck/boost if a solid state rectifier
is used.

I'll have to experiment with this sometime and I think a variac
is in my future too.

John
KB7NRN

Hi John,

I did the best I can, what with this insidious Apple product here in all...!

As promised, here are the scanned pages of that circuit ("Line Voltage Adjuster"---two pages) I promised I'd send you on the weekend (better late than never, right...?!).

I just hope this iMac will allow you to open these up...(I absolutely despise this thing).

~73~ de Eddy VE3CUI - VE3XZ

6930. My AM Phone Set-Up Here...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 18:46:11 UTC
From: Eddy Swynar
Topic: 6930 Message: 6930
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys,

I got some new batteries here for the digital camera to-day, & decided to give 'em a whirl by taking a jpeg of my AM / AWA CW position in Studio B:

Believe it or not, this is actually AFTER I cleaned things up a bit for benefit of the camera!

From left to right is my 1929-style HB superhet, then my E.F. Jonson Viking II "CC" which the Royal Canadian Air Force had, new, in 1962. Sitting atop the V-2 is my HB "ultimate" transmatch for balanced feeders, right next to the model 122 VFO. Perched on top of the VFO is my HB 6JK6 RF pre-selector...

I use a D-104 microphone with a CERAMIC mic cartridge. The antenna is the ever-popular 160-meter inverted "V" dipole, with its apex at about 50'.

And THAT, as they say, is THAT...

~73~ de Eddy VE3CUI - VE3XZ

6931. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 18:56:30 UTC
From: Louis Vermond
Topic: 6902 Message: 6931

A few years ago Lou told me I had been heard calling "AWA de NE1S" in England during the 1929 BK on 80M with the PP TNT rig. The gentleman's callsign and name escape me right now, but he was a listmember at the time.

That was Pat Moore, G3IKR/SK.

About 2 AM several Parties ago I gave up on any more activity that night so moved down to the bottom of the 80. There was a G calling CQ. Just as I was about to call him another AWAer snagged him. Waited, but the G cleared after his QSO with the 3 watt Hartley.

:0(, Lou

6932. Re: [AWA Group] Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 18:59:51 UTC
From: ve7sl@shaw.ca
Topic: 3957 Message: 6932

>I really MUST be living right here---my copy arrived the week before last,
>AND in its own sealed paper envelope!

mine as well Eddy...I think that is one of the 'benefits' of paying more $$
for a Canadian subscription.

BTW...I was able to work PT0S last night on 160 at just before 10 PM local
time...he had just started to make an appearance here and was not
particularly loud. I got in the fray and was quickly rewarded...if you ask
me, he is hearing extremely well as his signal was nowhere near as good as I
have heard him before.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6933. Re: [AWA Group] 160 Meter test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-20 19:57:02 UTC
From: Larry Szendrei
Topic: 6902 Message: 6933

On 11/20/12 1:56 PM, Louis Vermond wrote:
>
> A few years ago Lou told me I had been heard calling "AWA de NE1S" in
> England during the 1929 BK on 80M with the PP TNT rig. The
> gentleman's callsign and name escape me right now, but he was a
> listmember at the time.
> That was Pat Moore, G3IKR/SK.
>
Yep - it was Pat. He remains my only 80M cross-pond AM QSO - mainly because that was the only time I ever attempted it. Not much of a night-time operator, except for very special occasions - like the 1929 BK, or the AWA AM QSO party. Even during those, I rarely operate past 10PM local. Need my beauty rest, you know.

73,
-Larry/NE1S

6934. Re: [AWA Group] Buck - Boost System

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-21 00:46:59 UTC
From: steve harvey
Topic: 6927 Message: 6934

That's neat! I'm trimming these pics down and this is going in the notebook.

From: Eddy Swynar <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, November 20, 2012 7:47 AM
Subject: [AWA Group] Buck - Boost System

Hi John,

I did the best I can, what with this insidious Apple product here in all...!

As promised, here are the scanned pages of that circuit ("Line Voltage Adjuster"---two pages) I promised I'd send you on the weekend (better late than never, right...?!).

I just hope this iMac will allow you to open these up...(I absolutely despisethis thing).

~73~ de Eddy VE3CUI - VE3XZ

6935. Re: [AWA Group] My AM Phone Set-Up Here...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-21 01:07:24 UTC
From: steve harvey
Topic: 6930 Message: 6935
Attachments: 1 described; binary payloads are missing from this source WARC

sweet!

From: Eddy Swynar <deswynar@xplornet.ca>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, November 20, 2012 10:46 AM
Subject: [AWA Group] My AM Phone Set-Up Here...

Hi Guys,

I got some new batteries here for the digital camera to-day, & decided to give 'em a whirl by taking a jpeg of my AM / AWA CW position in Studio B:

Believe it or not, this is actually AFTERI cleaned things up a bit for benefit of the camera!

From left to right is my 1929-style HB superhet, then my E.F. Jonson Viking II "CC"which the Royal Canadian Air Forcehad, new, in 1962. Sitting atop the V-2is my HB "ultimate" transmatch for balanced feeders, right next to the model 122 VFO. Perched on top of the VFO is my HB 6JK6 RF pre-selector...

I use a D-104 microphone with a CERAMICmic cartridge. The antenna is the ever-popular 160-meter inverted "V" dipole, with its apex at about 50'.

And THAT, as they say, is THAT...

~73~ de Eddy VE3CUI - VE3XZ

6936. Tube Listing: 1930

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-21 13:36:55 UTC
From: Eddy Swynar
Topic: 6936 Message: 6936
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys,

Yesterday I received a copy of the 1930 edition of the ARRL HANDBOOK from a friend of mine in the mail...

Can you believe that all of the transmitting and receiving tubes are listed on but one single page...?!

Here's a copy of that page...sorry the micromhos column didn't come out sharper, but I was afraid of breaking the spine of this delicate thing. If you've never seen the maximum specs for your vintage bulbs, this might at least give you some idea...

~73~ de Eddy VE3CUI - VE3XZ

6937. 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-21 15:02:54 UTC
From: Eddy Swynar
Topic: 5244 Message: 6937

Hi Guys,

If anyone is up & about very shortly with nothing better to do(!), I plan to be in the 40-meter AM window making some noise...

There were some VERY strong AM BC stations polluting the window earlier---hopefully their signals will disappear as the noon hour approaches here.

~73~ de Eddy VE3CUI - VE3XZ

6938. Re: [AWA Group] 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-21 20:07:24 UTC
From: Roger Kuchera
Topic: 5244 Message: 6938

Hi Ed,
     Somewhere on the AWA website, should be posted a list of tubes and there release dates. That should help with questions about whether a tube was available in '29 or not.

CUL, Roger/K1TG

--- On Wed, 11/21/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@...>
Subject: [AWA Group] 40-Meters AM
To: AWAGroup@yahoogroups.com
Date: Wednesday, November 21, 2012, 10:02 AM

Hi Guys,

If anyone is up & about very shortly with nothing better to do(!), I plan to be in the 40-meter AM window making some noise...

There were some VERY strong AM BC stations polluting the window earlier---hopefully their signals will disappear as the noon hour approaches here.

~73~ de Eddy VE3CUI - VE3XZ

6939. Re: [AWA Group] Tube Listing: 1930

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-21 20:11:20 UTC
From: Roger Kuchera
Topic: 6936 Message: 6939
Attachments: 1 described; binary payloads are missing from this source WARC

Ed,
    There should be a list of tubes and their release dates on the AWA website. It should help with questions about whether or not a tube is good for '29.

CUL, Roger/K1TG

--- On Wed, 11/21/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@...>
Subject: [AWA Group] Tube Listing: 1930
To: AWAGroup@yahoogroups.com
Date: Wednesday, November 21, 2012, 8:36 AM

Hi Guys,

Yesterday I received a copy of the 1930 edition of the ARRL HANDBOOK from a friend of mine in the mail...

Can you believe that all of the transmitting and receiving tubes are listed on but one single page...?!

Here's a copy of that page...sorry the micromhos column didn't come out sharper, but I was afraid of breaking the spine of this delicate thing. If you've never seen the maximum specs for your vintage bulbs, this might at least give you some idea...

~73~ de Eddy VE3CUI - VE3XZ

6940. Heathkit DX-40 crystal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-21 21:37:51 UTC
From: Jim Robson
Topic: 6940 Message: 6940

AWAGroup friends--just working on putting a DX-40 on the air. Would anybody have a spare cw portion 80m crystal, (or crystals) they would be willing to part with? Cash or trade? Many thanks. 73, Jim/VE3BHK

6941. Re: [AWA Group] Heathkit DX-40 crystal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-21 21:18:00 UTC
From: Louis Vermond
Topic: 6940 Message: 6941
Attachments: 1 described; binary payloads are missing from this source WARC

Dusty,

I'll trade you this for my pliers..

6942. Re: [AWA Group] 40-Meters AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-21 21:52:18 UTC
From: Garey Barrell
Topic: 5244 Message: 6942

Roger -

See 'Tube Types Tabulated' in the files section of this group.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Roger Kuchera wrote:
>
>
> Hi Ed,
> Somewhere on the AWA website, should be posted a list of tubes and there release
> dates. That should help with questions about whether a tube was available in '29 or not.
> CUL, Roger/K1TG
>
>
>
>
>
>
>
>

6943. What is it?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-22 12:43:20 UTC
From: N1BUG
Topic: 6943 Message: 6943

Happy Thanksgiving to the U.S. group members!

Anyone know what this is? Some sort of transmitter? Amplifier?

http://www.ebay.com/itm/380521561442

Paul

6944. Re: What is it?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-22 13:31:16 UTC
From: ab9zg@ymail.com
Topic: 6943 Message: 6944

I'll guess a push-pull oscillator, since the builder did not try to isolate the grid and plate leads of the 800 tubes.

6945. Nice Keys to Look at

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-22 14:18:25 UTC
From: Louis Vermond
Topic: 6945 Message: 6945

http://www.ronayling.dsl.pipex.com/keycollection/keycollection.htm

6946. Re: [AWA Group] What is it?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-22 16:18:42 UTC
From: ve7sl@shaw.ca
Topic: 6943 Message: 6946

Possibly an early diathermy transmitter...the pile of plates could be clamps
for various parts of the patient's (victim!) body??

>
> Happy Thanksgiving to the U.S. group members!
>
> Anyone know what this is? Some sort of transmitter? Amplifier?
>
> http://www.ebay.com/itm/380521561442
>
> Paul
>
>
>
>
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6947. Re: [AWA Group] What is it?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-22 15:23:52 UTC
From: Niel - W0VLZ
Topic: 6943 Message: 6947

My guess based on the pile of wires, metal "pads" and shielding is that
this is a diathermy machine.

Niel - W0VLZ

N1BUG wrote:
>
> Happy Thanksgiving to the U.S. group members!
>
> Anyone know what this is? Some sort of transmitter? Amplifier?
>
> http://www.ebay.com/itm/380521561442
>
> Paul
>
>

6948. RE: [EXTERNAL EMAIL] :[AWA Group] What is it?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-22 17:05:13 UTC
From: Bauman, John
Topic: 6943 Message: 6948

Yepper, that's a diathermy machine if I ever saw one. Probably resonate around 25-27 mhz.

John

_____
From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of N1BUG [paul@...]
Sent: Thursday, November 22, 2012 4:43 AM
To: AWAGroup
Subject: [EXTERNAL EMAIL] :[AWA Group] What is it?

Happy Thanksgiving to the U.S. group members!

Anyone know what this is? Some sort of transmitter? Amplifier?

http://www.ebay.com/itm/380521561442

Paul

6949. Info help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-23 01:47:55 UTC
From: Louis Vermond
Topic: 6949 Message: 6949

Is it, "Duco" cement?

6950. Re: [AWA Group] Info help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-23 02:50:12 UTC
From: Christopher Best
Topic: 6949 Message: 6950

Duco was a DuPont nitro cellular lacquer paint developed in the 1920s.

Chris

Sent from my iPad

On Nov 22, 2012, at 7:47 PM, Louis Vermond <ldvermond@...> wrote:

> Is it, "Duco" cement?
>

6951. Re: [AWA Group] Info help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-23 03:02:36 UTC
From: Louis Vermond
Topic: 6949 Message: 6951

Thank you, Chris. Lou
----- Original Message -----
From: Christopher Best
To: AWAGroup@yahoogroups.com
Sent: 2012-11-22 9:50 PM
Subject: Re: [AWA Group] Info help

Duco was a DuPont nitro cellular lacquer paint developed in the 1920s.

Chris

Sent from my iPad

On Nov 22, 2012, at 7:47 PM, Louis Vermond <ldvermond@...> wrote:

Is it, "Duco" cement?

6952. Re: [AWA Group] What is it?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-23 13:11:59 UTC
From: Larry Szendrei
Topic: 6943 Message: 6952

On 11/22/12 11:18 AM, ve7sl@... wrote:
>
> Possibly an early diathermy transmitter...the pile of plates could be
> clamps
> for various parts of the patient's (victim!) body??
>
That was my guess, too.

-Larry/NE1S

6953. Re: [AWA Group] What is it?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-23 13:22:37 UTC
From: Larry Szendrei
Topic: 6943 Message: 6953

On 11/23/12 8:11 AM, Larry Szendrei wrote:
>
> On 11/22/12 11:18 AM, ve7sl@... wrote:
>>
>> Possibly an early diathermy transmitter...the pile of plates could be
>> clamps
>> for various parts of the patient's (victim!) body??
>>
> That was my guess, too.
>
> -Larry/NE1S
>
And, if it's resonant frequency is indeed around 27 Mc/s as many were,
it'd be a great thing to annoy the CBers with ;-)

73,
-Larry/NE1S

6954. Re: [AWA Group] What is it?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-23 13:35:49 UTC
From: N1BUG
Topic: 6943 Message: 6954

Just catching up after a busy holiday.

It seems we have a concensus: diathermy machine. Thanks everyone. I should have known after my recent research in dating this Jewell / Eastman Diathermy meter I have. :)

73,
Paul N1BUG

6955. Anyone Else Notice...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-23 13:49:19 UTC
From: Eddy Swynar
Topic: 6955 Message: 6955

Hi Guys,

I tried to open-up the link on the AWA website that has a sample log sheet for the 2012 running of the 1929 QSO Party, but it's not working...

Anyone else experiencing this...?

~73~ de Eddy VE3CUI - VE3XZ

6956. Re: [AWA Group] Anyone Else Notice...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-23 13:57:05 UTC
From: N1BUG
Topic: 6955 Message: 6956

Yes Eddy...

Sadly they persist in setting things up for the Microsoft-only crowd, as do so many other web sites these days. Partially qualified links embedded in pdf files simply don't work for the rest of us! I could not access the rules or log sheet either until I did the homework and discovered where those files "live" on the server. Try these:

http://www.antiquewireless.org/pdf/kelley_rules.pdf

http://www.antiquewireless.org/pdf/kelley_log.pdf

I wasn't going to renew my AWA membership, but I suppose now I will so that I can legitimately continue to suggest compatibility improvements to the web site - Hi!

73,
Paul N1BUG

On 11/23/2012 08:49 AM, Eddy Swynar wrote:

Hi Guys,

I tried to open-up the link on the AWA website that has a sample log sheet for the 2012 running of the 1929 QSO Party, but it's not working...

Anyone else experiencing this...?

~73~ de Eddy VE3CUI - VE3XZ

6957. Re: [AWA Group] Anyone Else Notice...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-23 14:13:13 UTC
From: Eddy Swynar
Topic: 6955 Message: 6957

On 2012-11-23, at 8:57 AM, N1BUG wrote:

> Yes Eddy...
>
> Sadly they persist in setting things up for the Microsoft-only crowd, as do so many other web sites these days. Partially qualified links embedded in pdf files simply don't work for the rest of us! I could not access the rules or log sheet either until I did the homework and discovered where those files "live" on the server. Try these:
>
> http://www.antiquewireless.org/pdf/kelley_rules.pdf
>
> http://www.antiquewireless.org/pdf/kelley_log.pdf
>
> I wasn't going to renew my AWA membership, but I suppose now I will so that I can legitimately continue to suggest compatibility improvements to the web site - Hi!
>
> 73,
> Paul N1BUG
>
>
>

Hi Paul,

Many thanks for those links---both worked like a charm.

Re. the "...Microsoft-only crowd", all I can say is that it serves me right, not heeding my "inner voice" & going out & splurging $2K-PLUS on this Apple iMac stuff!!! In hindsight I can see that I should have saved my money & "gone with the flow"...

Thanks again, & vy

~73~ de Eddy VE3CUI - VE3XZ

PS: How's the '29 rig coming along...? Any new adventures with it...? I've been "pre-setting" the controls on my MOPA here & logging them for future reference in advance of the fray...and oddly enough, I seem to have developed some sort of an issue with it on 160! I'm still working through the problem, though...

6958. RE: [EXTERNAL EMAIL] :Re: [AWA Group] What is it?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-23 15:35:53 UTC
From: Bauman, John
Topic: 6943 Message: 6958

"And, if it's resonant frequency is indeed around 27 Mc/s as many were, it'd be a great thing to annoy the CBers with ;-)"

I got a chuckle out of that one only because I've thought the same thing.

John

KB7NRN

6959. Re: [AWA Group] Anyone Else Notice...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-23 15:19:15 UTC
From: KG4KGL
Topic: 6955 Message: 6959

I would not call it the "Microsoft way", just the "sloppy programming way". The links work fine on my iPhone.

73,

Robert
KG4KGL

On Nov 23, 2012, at 8:57, N1BUG <paul@...> wrote:

> Yes Eddy...
>
> Sadly they persist in setting things up for the Microsoft-only crowd, as do so many other web sites these days. Partially qualified links embedded in pdf files simply don't work for the rest of us! I could not access the rules or log sheet either until I did the homework and discovered where those files "live" on the server. Try these:
>
> http://www.antiquewireless.org/pdf/kelley_rules.pdf
>
> http://www.antiquewireless.org/pdf/kelley_log.pdf
>
> I wasn't going to renew my AWA membership, but I suppose now I will so that I can legitimately continue to suggest compatibility improvements to the web site - Hi!
>
> 73,
> Paul N1BUG
>
>
>
>
> On 11/23/2012 08:49 AM, Eddy Swynar wrote:
>> Hi Guys,
>>
>> I tried to open-up the link on the AWA website that has a sample log sheet for the 2012 running of the 1929 QSO Party, but it's not working...
>>
>> Anyone else experiencing this...?
>>
>> ~73~ de Eddy VE3CUI - VE3XZ
>
>

6960. radio needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 00:25:50 UTC
From: ritareo
Topic: 6960 Message: 6960

I would like to buy a Radio Shop "J" to match my "JA" Amplifier. Merrill Bancroft

6961. 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 07:25:42 UTC
From: Bauman, John
Topic: 6955 Message: 6961

Just thought I'd let the group know that I have a power supply rigged up and wound coils for 80 mtrs.
Getting 3 watts out with good tone. Tho I'm experiencing the same microphonic problem as Paul mentioned
when using the transmitter on the same surface as the key. Maybey I need a leg key!

Will be working on the 160 mtr coils tomorrow.

John
KB7NRN

_____
Please visit ATI's all-new website: www.atimetals.com

6962. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 12:46:55 UTC
From: Eddy Swynar
Topic: 6955 Message: 6962

On 2012-11-24, at 2:25 AM, Bauman, John wrote:

> Just thought I'd let the group know that I have a power supply rigged up and wound coils for 80 mtrs.
> Getting 3 watts out with good tone. Tho I'm experiencing the same microphonic problem as Paul mentioned
> when using the transmitter on the same surface as the key. Maybey I need a leg key!
>
> Will be working on the 160 mtr coils tomorrow.
>
>

Hi John,

A piece of plywood, or stiff aluminum, cut to the appropriate size & sitting atop my lap, works well for me in minimizing he effects of imparting any & all "key jitters" upon my signal! I simply keep the key on this ad hoc "platform", & all is well...

A few years ago I got REALLY smart---I installed a small supporting shelf on the wall of my shack by way of two "L" brackets & plywood that supported my 245 Hartley...and all was well, until the XYL upstairs threw a load of laundry into the dryer that just shook the house enough to "wobbulate" my signal in sync with the spin of the drum in the drier!

I ended-up convinced that either (A) our house was constructed VERY cheaply, or, (B) these self-excited oscillator transmitters are VERY sensitive to any & all disturbances "...in the force"! :o)

So much for the best laid plans of mice & men...Hi Hi.

~73~ de Eddy VE3CUI - VE3XZ

6963. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 14:36:12 UTC
From: Roger Kuchera
Topic: 6955 Message: 6963

My 2 cents,
     While my cure for microphonics is not in the best tradition of 1929, it works well. I use
a piece of foam rubber under the breadboard/chassis. Very simple.

     I have seen tube sockets mounted on a thick pad of what looks like blanket material. A bit extreme but also effective.

CUL, Roger/K1TG

--- On Sat, 11/24/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@...>
Subject: Re: [AWA Group] 245 Hartley on 80 mtrs.
To: AWAGroup@yahoogroups.com
Date: Saturday, November 24, 2012, 7:46 AM

On 2012-11-24, at 2:25 AM, Bauman, John wrote:

Just thought I'd let the group know that I have a power supply rigged up and wound coils for 80 mtrs.
Getting 3 watts out with good tone. Tho I'm experiencing the same microphonic problem as Paul mentioned
when using the transmitter on the same surface as the key. Maybey I need a leg key!

Will be working on the 160 mtr coils tomorrow.

Hi John,

A piece of plywood, or stiff aluminum, cut to the appropriate size & sitting atop my lap, works well for me in minimizing he effects of imparting any & all "key jitters" upon my signal! I simply keep the key on this ad hoc "platform", & all is well...

A few years ago I got REALLY smart---I installed a small supporting shelf on the wall of my shack by way of two "L" brackets & plywood that supported my 245 Hartley...and all was well, until the XYL upstairs threw a load of laundry into the dryer that just shook the house enough to "wobbulate" my signal in sync with the spin of the drum in the drier!

I ended-up convinced that either (A) our house was constructed VERY cheaply, or, (B) these self-excited oscillator transmitters are VERY sensitive to any & all disturbances "...in the force"! :o)

So much for the best laid plans of mice & men...Hi Hi.

~73~ de Eddy VE3CUI - VE3XZ

6964. RE: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 15:07:56 UTC
From: Steve Flood
Topic: 6955 Message: 6964

Another source of microphonic/wobble/drift are the air-wound copper coils.

Key-down your rig and blow a puff of air across your coil and you'll see what I mean.

Steve KK7UV

6965. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 15:13:15 UTC
From: Eddy Swynar
Topic: 6955 Message: 6965

On 2012-11-24, at 9:36 AM, Roger Kuchera wrote:

>
> My 2 cents,
> While my cure for microphonics is not in the best tradition of 1929, it works well. I use
> a piece of foam rubber under the breadboard/chassis. Very simple.
>
> I have seen tube sockets mounted on a thick pad of what looks like blanket material.
> A bit extreme but also effective.
>
>
>
>
>

Hi Roger,

I tried that once, to no avail here...

Actually, I raided my XYL's cleaning cupboard & came up with FOUR thick, brand new sponges, that were pre-cut into nice big squares: I placed the Hartley atop these "dampeners"--one per corner---but it as NFG for me. ANY bit of vibration / rustling seemed to "wobbulate" the signal.

The final & ultimate resolution---for me, at any rate---was to place the key on a sheet of aluminum / wood, that in turn sits atop my lap...

~73~ de Eddy VE3CUI - VE3XZ

6966. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 15:17:13 UTC
From: Eddy Swynar
Topic: 6955 Message: 6966

On 2012-11-24, at 10:07 AM, Steve Flood wrote:

>
> Another source of microphonic/wobble/drift are the air-wound copper coils.
>
> Key-down your rig and blow a puff of air across your coil and you’ll see what I mean.
>
>
>
>

Hi Steve,

Ha...!

No such issue at VE3CUI - VE3XZ, on account of the fact that I "cheated" with all of my inductors, by using commercial Barker & Williamson coil stock!

There was an old trick used by the guys in the 1920's---they placed something in between the actual coil turns in order to minimize / eliminate this effect...

I can't recall now what it was that they actually used---bits of felt, maybe...?

~73~ de Eddy VE3CUI - VE3XZ

6967. RE: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 15:28:17 UTC
From: Steve Flood
Topic: 6955 Message: 6967

I "cheated" with all of my inductors, by using commercial Barker & Williamson coil stock! Oh, Eddy.the Shame.

placed something in between the actual coil turns in order to minimize / eliminate this effect... I've used bits of heavy tablet backing folded into V shapes and jammed between each turn. Helps a little, but looks like hell..kind of like a supermodel with curlers in her hair.

Steve

6968. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 15:35:34 UTC
From: Eddy Swynar
Topic: 6955 Message: 6968

On 2012-11-24, at 10:28 AM, Steve Flood wrote:

>
> I "cheated" with all of my inductors, by using commercial Barker & Williamson coil stock!
Oh, Eddy...the shame.
>

Hi Steve,

Yes, I fear that I shall carry this guilt & shame burdened atop my shoulders each & every time that I might have occasion to send-out "CQ AWA" for two weeks every December...! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

6969. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 15:38:40 UTC
From: Bill Stewart
Topic: 6955 Message: 6969

My first '29er, a TNT w/a CX-301A is very microphonic...jet planes training overhead, a truck on the road, gunshots from nearby hunters, keying, etc and can make it a FM rig by hollering close to the tube & coil ..have to watch where I put my mouth, tho.... Very versatile..Bill, K4JYS

----- Original Message -----

Another source of microphonic/wobble/drift are the air-wound copper coils.

Key-down your rig and blow a puff of air across your coil and you’ll see what I mean.

Steve KK7UV

6970. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 15:52:05 UTC
From: N1BUG
Topic: 6955 Message: 6970

John,

Congratulations on getting the Hartley fired up! I eagerly await your report on how it plays with the 160 meter coils.

On the subject of microphonics and vibration... ANY little vibration sets my TNT into wobble and buzz mode. I've tried putting various things under it... foam rubber, blankets, pillow... to no avail. Perhaps the problem is exaggerated because my old house itself is very prone to vibrating. As far as vibration from the key goes, I could fix that by putting the TNT on a shelf vs. on the operating desk. However, for reasons of aesthetics and limited space I'm trying to avoid that. A platform on my lap, as Eddy uses, did not work out very well. I found it most uncomfortable and fatiguing to send that way (but, my arm has "issues" anyway :) I'm now experimenting with some sort of platform that sits or clamps across the arms of my operating chair. That is quite comfortable. The only issue is how to attach it and/or keep it from falling off the chair arms, which are quite slippery and arched. I will figure it out! Now, if my hyperactive cat decides to start bouncing off the walls while I'm operating... well... anyone trying to copy me will need quite a wide receiver bandwidth - Hi !

73,
Paul N1BUG

6971. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 16:35:48 UTC
From: ve7sl@shaw.ca
Topic: 6955 Message: 6971

>...and all was well, until the XYL upstairs threw a load of laundry into
>the dryer that just shook the house enough to "wobbulate" my signal in sync
>with the spin of the drum in the drier!

similar experience here as well Eddy only it was prop wash from a Dash-8 on approach to Victoria at 3000' but right over the shack...was really cool for about 20 seconds as my note was in exact sync with the prop noise.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6972. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 17:08:14 UTC
From: Bauman, John
Topic: 6955 Message: 6972

I agree with 7UV Steve, it's more the copper coils then anything, at least on my rigs.

The 80mtr coil seems to be a bit more effected and I suspect that's because there more

coil hanging in the air between the insulators. The 40 mtr coil has less turns so therefore

more rigid and not quite as bad.

It did help to put a pad of papper under the key. I'll try a folded towel under the transmitter.

Or maybe swap out the Air Gap socket for a Benjamin! ;^)

A question for 7SL Steve: you used #14 solid insulated copper wire for you 160mtr coil?

I was thinking of #12 but don't have any on hand. I do have some #14 tho, so that will make it

easier if that's what you used.

John

KB7NRN

6973. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 17:00:16 UTC
From: Bill Stewart
Topic: 6955 Message: 6973
Attachments: 1 described; binary payloads are missing from this source WARC

Paul, I'm sure you have a better arrangement than I did back in the 2007 BK. You might be able to use a c-clamp to attach the key to the chair arm...works great with a flat arm, but may have to do some rigging with a curved arm. The last few years, I have been using that same key clamped to a slightly curved chair arm with good success.
73, Bill
----- Original Message -----

John,

Congratulations on getting the Hartley fired up! I eagerly await your report on how it plays with the 160 meter coils.

On the subject of microphonics and vibration... ANY little vibration sets my TNT into wobble and buzz mode. I've tried putting various things under it... foam rubber, blankets, pillow... to no avail. Perhaps the problem is exaggerated because my old house itself is very prone to vibrating. As far as vibration from the key goes, I could fix that by putting the TNT on a shelf vs. on the operating desk. However, for reasons of aesthetics and limited space I'm trying to avoid that. A platform on my lap, as Eddy uses, did not work out very well. I found it most uncomfortable and fatiguing to send that way (but, my arm has "issues" anyway :) I'm now experimenting with some sort of platform that sits or clamps across the arms of my operating chair. That is quite comfortable. The only issue is how to attach it and/or keep it from falling off the chair arms, which are quite slippery and arched. I will figure it out! Now, if my hyperactive cat decides to start bouncing off the walls while I'm operating... well... anyone trying to copy me will need quite a wide receiver bandwidth - Hi !

73,
Paul N1BUG

6974. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 18:05:57 UTC
From: ve7sl@shaw.ca
Topic: 6955 Message: 6974

> A question for 7SL Steve: you used #14 solid insulated copper wire for you
> 160mtr coil?
>
> I was thinking of #12 but don't have any on hand. I do have some #14 tho,
> so that will make it
>
> easier if that's what you used.

yes John...#14...you can see it and 'hear' it at the bottom of this page:

http://members.shaw.ca/ve7sl/hartley.html

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6975. Tower Damage -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 18:12:24 UTC
From: Mike Feher
Topic: 6975 Message: 6975
Attachments: 7 described; binary payloads are missing from this source WARC

Here are a few photos of the damage caused by Sandy and the NE. All of the tower damage was caused by the NE. The first photo is what it used to look like. I cannot find one that shows the whole tower. I lucked out in that the fallen section did not cause any house damage, especially like going through either skylight in the family room. The two branches shown in NE6 landed on one leg of my inverted V, and that is what did it in. BTW, all of these files have been reduced to about 1/5th of their original size. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

6976. RE: [EXTERNAL EMAIL] :[AWA Group] Tower Damage -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 20:25:46 UTC
From: Bauman, John
Topic: 6975 Message: 6976

Wow!
You're very fortunate indeed Mike. Someone must be looking out for you.
Hope you can get the damage repaired and back on the air soon.

John
KB7NRN

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Mike Feher [n4fs@...]
Sent: Saturday, November 24, 2012 10:12 AM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :[AWA Group] Tower Damage -

Here are a few photos of the damage caused by Sandy and the NE. All of the tower damage was caused by the NE. The first photo is what it used to look like. I cannot find one that shows the whole tower. I lucked out in that the fallen section did not cause any house damage, especially like going through either skylight in the family room. The two branches shown in NE6 landed on one leg of my inverted V, and that is what did it in. BTW, all of these files have been reduced to about 1/5th of their original size. 73 – Mike

6977. RE: [EXTERNAL EMAIL] :Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 20:35:58 UTC
From: Bauman, John
Topic: 6955 Message: 6977

Well, I don't have enough #14. I dug through the 'ol junk box and found some old coil stock.
Looks like #12 at 2.5" ID. Someones homebrew project in the past. So I cut an 18 turn section and a 12 turn section out of it. Need to make an attachment point for the tap then give it a go.

John
KB7NRN

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of ve7sl@... [ve7sl@...]
Sent: Saturday, November 24, 2012 10:05 AM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :Re: [AWA Group] 245 Hartley on 80 mtrs.

> A question for 7SL Steve: you used #14 solid insulated copper wire for you
> 160mtr coil?
>
> I was thinking of #12 but don't have any on hand. I do have some #14 tho,
> so that will make it
>
> easier if that's what you used.

yes John...#14...you can see it and 'hear' it at the bottom of this page:

http://members.shaw.ca/ve7sl/hartley.html

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6978. 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 21:37:40 UTC
From: Louis Vermond
Topic: 6955 Message: 6978
Attachments: 1 described; binary payloads are missing from this source WARC

Remember these, Roger?

"I have seen tube sockets mounted on a thick pad of what looks like blanket material.
A bit extreme but also effective."

Pads
Ten Bucks Each...cheap

6979. 245 Hartley now on 160mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 22:13:13 UTC
From: Bauman, John
Topic: 6955 Message: 6979

Now with the old coil stock cut and installed, the 245 Hartley is up and running on 160mtrs. I'm runnig 3-4 watts out. I can get twice this amount but the tone isn't pleasent to listen to.

I think I'll put the 40mtr coil on and give it a try and then later work down to 80 then 160.

John

KB7NRN

_____
Please visit ATI's all-new website: www.atimetals.com

6980. Re: [AWA Group] 245 Hartley now on 160mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-24 22:29:53 UTC
From: ve7sl@shaw.ca
Topic: 6955 Message: 6980

> Now with the old coil stock cut and installed, the 245 Hartley is up and
> running on 160mtrs. I'm runnig 3-4 watts out. I can get twice this amount
> but the tone isn't pleasent to listen to.

John - I found the tap point critical in determining best efficiency vs note...well worth playing with. Even a 1/2 turn difference could be easily noticed. Unless there is physical movement, the thing should sound like Collins on 160!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6981. Old style AM mic.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 01:01:45 UTC
From: Don
Topic: 6981 Message: 6981

Meanwhile a few of us are also playing with AM. I have a few rigs(vintage and vintage style HB,) but I didnt have a good looking mic to go with thrm that looked the part. Today I made one from a retro lamp and a small kitchen seive. Before you dismiss it you might want to look. It may surprise you. The cartridge for my AM HB rig is an old telephone receiver cartridge. Now it has a proper home.
http://groups.yahoo.com/group/AWAGroup/photos/album/1194281607/pic/list
Don VE3LYX

6982. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 01:36:04 UTC
From: steve harvey
Topic: 6955 Message: 6982

"wobbulate"
love it

From: Eddy Swynar <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 24, 2012 12:46 PM
Subject: Re: [AWA Group] 245 Hartley on 80 mtrs.

On 2012-11-24, at 2:25 AM, Bauman, John wrote:

>Just thought I'd let the group know that I have a power supply rigged up and wound coils for 80 mtrs.
>Getting 3 watts out with good tone. Tho I'm experiencing the same microphonic problem as Paul mentioned
>when using the transmitter on the same surface as the key. Maybey I need a leg key!
>
>Will be working on the 160 mtr coils tomorrow.
>
>

Hi John,

A piece of plywood, or stiff aluminum, cut to the appropriate size & sitting atop my lap, works well for me in minimizing he effects of imparting any & all "key jitters" upon my signal! I simply keep the key on this ad hoc "platform", & all is well...

A few years ago I got REALLYsmart---I installed a small supporting shelf on the wall of my shack by way of two "L" brackets & plywood that supported my 245 Hartley...and all was well, until the XYL upstairs threw a load of laundry into the dryer that just shook the house enough to "wobbulate" my signal in sync with the spin of the drum in the drier!

I ended-up convinced that either (A) our house was constructed VERYcheaply, or, (B) these self-excited oscillator transmitters are VERYsensitive to any & all disturbances "...in the force"! :o)

So much for thebest laid plans of mice & men...Hi Hi.

~73~ de Eddy VE3CUI - VE3XZ

6983. RE: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 02:04:15 UTC
From: Mike Feher
Topic: 6955 Message: 6983

The WWII APN-1 altimeter was FM modulated using a Wobbulator. It was like a small speaker where the diaphragm had two pieces of metal etched on it and as the voice coil moved up and down the vicinity of these two strips changed relative to a fixed metal plate and therefore changing the capacitance at the frequency rate the voice coil was driven by. I remember stripping one back in the late 50’s or early 60’s. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of steve harvey
Sent: Saturday, November 24, 2012 8:36 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] 245 Hartley on 80 mtrs.

"wobbulate"

love it

From: Eddy Swynar <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 24, 2012 12:46 PM
Subject: Re: [AWA Group] 245 Hartley on 80 mtrs.

On 2012-11-24, at 2:25 AM, Bauman, John wrote:

Just thought I'd let the group know that I have a power supply rigged up and wound coils for 80 mtrs.
Getting 3 watts out with good tone. Tho I'm experiencing the same microphonic problem as Paul mentioned
when using the transmitter on the same surface as the key. Maybey I need a leg key!

Will be working on the 160 mtr coils tomorrow.

Hi John,

A piece of plywood, or stiff aluminum, cut to the appropriate size & sitting atop my lap, works well for me in minimizing he effects of imparting any & all "key jitters" upon my signal! I simply keep the key on this ad hoc "platform", & all is well...

A few years ago I got REALLY smart---I installed a small supporting shelf on the wall of my shack by way of two "L" brackets & plywood that supported my 245 Hartley...and all was well, until the XYL upstairs threw a load of laundry into the dryer that just shook the house enough to "wobbulate" my signal in sync with the spin of the drum in the drier!

I ended-up convinced that either (A) our house was constructed VERY cheaply, or, (B) these self-excited oscillator transmitters are VERY sensitive to any & all disturbances "...in the force"! :o)

So much for the best laid plans of mice & men...Hi Hi.

~73~ de Eddy VE3CUI - VE3XZ

6984. Re: [AWA Group] Tower Damage -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 02:18:09 UTC
From: Larry Szendrei
Topic: 6975 Message: 6984

On 11/24/12 1:12 PM, Mike Feher wrote:
>
> Here are a few photos of the damage caused by Sandy and the NE. All of
> the tower damage was caused by the NE. The first photo is what it used
> to look like. I cannot find one that shows the whole tower. I lucked
> out in that the fallen section did not cause any house damage,
> especially like going through either skylight in the family room. The
> two branches shown in NE6 landed on one leg of my inverted V, and that
> is what did it in. BTW, all of these files have been reduced to about
> 1/5th of their original size. 73 -- Mike
>
That's too bad. Mike, but like you say, it could have been worse - at
least no damage to the house, or more importantly, you!

Friend and AWA member Chuck W3FJJ had a tree fall and total his house
during Sandy. He was in the bedroom at the time which wasn't spared.
Luckily Chuck wasn't hurt.

73,
-Larry/NE1S

6985. RE: [EXTERNAL EMAIL] :Re: [AWA Group] 245 Hartley now on 160mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 02:59:38 UTC
From: Bauman, John
Topic: 6955 Message: 6985

I ended up at 8 1/2 turns on the tap for 160.

Funny, when I put the 40mtr coils back in, it now has a growl. I am using a different filament supply tho. Too tired to play with it anymore tonight.

John
KB7NRN

_____
From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of ve7sl@... [ve7sl@...]
Sent: Saturday, November 24, 2012 2:29 PM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :Re: [AWA Group] 245 Hartley now on 160mtrs.

> Now with the old coil stock cut and installed, the 245 Hartley is up and
> running on 160mtrs. I'm runnig 3-4 watts out. I can get twice this amount
> but the tone isn't pleasent to listen to.

John - I found the tap point critical in determining best efficiency vs note...well worth playing with. Even a 1/2 turn difference could be easily noticed. Unless there is physical movement, the thing should sound like Collins on 160!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

6986. RE: [AWA Group] Tower Damage -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 03:53:56 UTC
From: Mike Feher
Topic: 6975 Message: 6986

Larry -

You are indeed right. I was very fortunate. On top of it I was only out of power for 6 days. The house is OK, and I am OK. Sorry to hear about your friend's loss. He was also extremely lucky to have survived unscathed. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Saturday, November 24, 2012 9:18 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Tower Damage -

On 11/24/12 1:12 PM, Mike Feher wrote:

Here are a few photos of the damage caused by Sandy and the NE. All of the tower damage was caused by the NE. The first photo is what it used to look like. I cannot find one that shows the whole tower. I lucked out in that the fallen section did not cause any house damage, especially like going through either skylight in the family room. The two branches shown in NE6 landed on one leg of my inverted V, and that is what did it in. BTW, all of these files have been reduced to about 1/5th of their original size. 73 - Mike

That's too bad. Mike, but like you say, it could have been worse - at least no damage to the house, or more importantly, you!

Friend and AWA member Chuck W3FJJ had a tree fall and total his house during Sandy. He was in the bedroom at the time which wasn't spared. Luckily Chuck wasn't hurt.

73,
-Larry/NE1S

6987. Re: [AWA Group] 245 Hartley on 80 mtrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 06:43:24 UTC
From: Roger Kuchera
Topic: 6955 Message: 6987
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou,
     Yes, indeed I do. They are what I was talking about. Nothing a little "felt" to cure the
wobblies.

Roger.

--- On Sat, 11/24/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] 245 Hartley on 80 mtrs.
To: AWAGroup@yahoogroups.com
Date: Saturday, November 24, 2012, 4:37 PM

Remember these, Roger?

"I have seen tube sockets mounted on a thick pad of what looks like blanket material.
A bit extreme but also effective."

Pads
Ten Bucks Each...cheap

6988. Re: [AWA Group] Old style AM mic.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 12:34:40 UTC
From: Eddy Swynar
Topic: 6981 Message: 6988

On 2012-11-24, at 8:01 PM, Don wrote:

> Meanwhile a few of us are also playing with AM. I have a few rigs(vintage and vintage style HB,) but I didnt have a good looking mic to go with thrm that looked the part. Today I made one from a retro lamp and a small kitchen seive. Before you dismiss it you might want to look. It may surprise you. The cartridge for my AM HB rig is an old telephone receiver cartridge. Now it has a proper home.
http://groups.yahoo.com/group/AWAGroup/photos/album/1194281607/pic/list
>

Hi Don,

Very neat---and clever, too!

Congratulations on your resourcefulness...

~73~ de Eddy VE3CUI - VE3XZ

6989. Linc Cundall Rules and Log

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 19:29:03 UTC
From: Roger Kuchera
Topic: 6989 Message: 6989

Gentlemen,

I went to the AWA site to get the times, etc. along with the Contest Rules and Log Sheet. When I clicked on highlighted key words, it shunted me off to never-never land. I never was able to get them. Am I doing something wrong?

CUL, Roger/K1TG

6990. Re: [AWA Group] Linc Cundall Rules and Log

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 20:08:41 UTC
From: N1BUG
Topic: 6989 Message: 6990

Hi Roger,

It's not you. Sadly, the AWA web site is set up VERY poorly. I'm sorry if that statement offends anyone. The links there will work for some, I suppose, but will fail for a good many of us. Others have had the same problem. As a webmaster myself, I will bring this to their attention and offer assistance if needed, though I'm not sure if that will help. Meanwhile, try these links. I think these may work for you.

http://www.antiquewireless.org/pdf/2012cundallrules.pdf

http://www.antiquewireless.org/pdf/2012cundallLogsheet.pdf

73,
Paul N1BUG

On 11/25/2012 02:29 PM, Roger Kuchera wrote:

Gentlemen,

I went to the AWA site to get the times, etc. along with the Contest Rules and Log

Sheet. When I clicked on highlighted key words, it shunted me off to never-never land.

I never was able to get them. Am I doing something wrong?

CUL, Roger/K1TG

6991. AWA web site

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 21:18:49 UTC
From: N1BUG
Topic: 6991 Message: 6991

I realize this is not an official AWA forum. However, since I have "growled" about incompatible links twice as of late, I just thought I would mention that I have now sent a communication so the webmaster (per contact information on the home page) with specific suggestions to eliminate compatibility issues. I also offered my time if I may be of any assistance. Why do I feel so strongly about this? Two (related) reasons:

If we contact people who are not aware of our events, we are asked to direct them to the web site for further information. Yet for many, the links there will not let them access much of that information. Surely this isn't good for public relations?

I'm going to go WAY out on a limb here and suppose it is probably not easy attracting new and younger members these days? Do correct me if I am wrong! I believe the AWA needs to do its very best to present a solid, easy to navigate web presence that is compatible with all common platforms and software configurations site visitors might be using. It seems to me the site is not currently delivering that.

If I am wrong, or if my comments have offended anyone, I once again apologize. I shall shut up now.

73,
Paul N1BUG

6992. Re: [AWA Group] AWA web site

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 21:42:16 UTC
From: Eddy Swynar
Topic: 6991 Message: 6992

On 2012-11-25, at 4:18 PM, N1BUG wrote:

> I realize this is not an official AWA forum. However, since I have "growled" about incompatible links twice as of late, I just thought I would mention that I have now sent a communication so the webmaster (per contact information on the home page) with specific suggestions to eliminate compatibility issues. I also offered my time if I may be of any assistance. Why do I feel so strongly about this? Two (related) reasons:
>
> If we contact people who are not aware of our events, we are asked to direct them to the web site for further information. Yet for many, the links there will not let them access much of that information. Surely this isn't good for public relations?
>
> I'm going to go WAY out on a limb here and suppose it is probably not easy attracting new and younger members these days? Do correct me if I am wrong! I believe the AWA needs to do its very best to present a solid, easy to navigate web presence that is compatible with all common platforms and software configurations site visitors might be using. It seems to me the site is not currently delivering that.
>
> If I am wrong, or if my comments have offended anyone, I once again apologize. I shall shut up now.
>
>

Hi Paul,

For every positive "vote" that might get publicly posted here on the Reflector, I'm willing to wager that there at LEAST a half dozen others lurking in the wings who agree 100% with you, but for some reason are reticent about airing their views...

Back in the day, Nixon referred to these people as "THE SILENT MAJORITY"... : o)

Whatever.

No matter---for better or worse, count me in as one who concurs with everything you've said...

~73!~ de Eddy VE3CUI - VE3XZ

6993. Re: [AWA Group] Tower Damage -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-25 23:43:58 UTC
From: N1BUG
Topic: 6975 Message: 6993

Sorry about the tower damage Mike, but glad you and your home are OK. Towers and falling trees, or parts thereof, do not mix well. I sustained damage the same way two winters ago. The tower survived with some "distortion" but none of the several antennas on it did.

73,
Paul N1BUG

On 11/24/2012 01:12 PM, Mike Feher wrote:

Here are a few photos of the damage caused by Sandy and the NE. All of the tower damage was caused by the NE. The first photo is what it used to look like. I cannot find one that shows the whole tower. I lucked out in that the fallen section did not cause any house damage, especially like going through either skylight in the family room. The two branches shown in NE6 landed on one leg of my inverted V, and that is what did it in. BTW, all of these files have been reduced to about 1/5th of their original size. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

6994. Re: [AWA Group] Linc Cundall Rules and Log

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-26 06:04:07 UTC
From: Roger Kuchera
Topic: 6989 Message: 6994

Hi Paul,
     Thank you very much for the links to the Cundall info. They worked just fine. I look forward to the affair.

CUL, Roger/K1TG

--- On Sun, 11/25/12, N1BUG <paul@...> wrote:

From: N1BUG <paul@n1bug.com>
Subject: Re: [AWA Group] Linc Cundall Rules and Log
To: AWAGroup@yahoogroups.com
Date: Sunday, November 25, 2012, 3:08 PM

Hi Roger,

It's not you. Sadly, the AWA web site is set up VERY poorly. I'm sorry if that statement offends anyone. The links there will work for some, I suppose, but will fail for a good many of us. Others have had the same problem. As a webmaster myself, I will bring this to their attention and offer assistance if needed, though I'm not sure if that will help. Meanwhile, try these links. I think these may work for you.

http://www.antiquewireless.org/pdf/2012cundallrules.pdf

http://www.antiquewireless.org/pdf/2012cundallLogsheet.pdf

73,
Paul N1BUG

On 11/25/2012 02:29 PM, Roger Kuchera wrote:

Gentlemen,
     I went to the AWA site to get the times, etc. along with the Contest Rules and Log Sheet. When I clicked on highlighted key words, it shunted me off to never-never land. I never was able to get them. Am I doing something wrong?

CUL, Roger/K1TG

6995. Linc Cundall Contest gripes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-26 22:49:31 UTC
From: JAMES HANLON
Topic: 6995 Message: 6995

First off, thanks for posting the links to the announcement for the upcoming Linc Cundall Contest rules and log sheets. Since I still have yet to receive my Journal, it was nice to get access to these papers.

I do have several problems with the Rules.

#1, The Rules page appears to be for last January's contest, not the upcoming one in 2013. The heading says 2012, and the dates correspond to January 2012 days of the week.

#2, The Bands specified in the heading are 160, 80, and 40 meters. But in the Frequencies section, 20 meter frequencies are recommended as well.

#3, Special Conditions call for "equipment constructed earlier than 1950." The Objective section also calls out "pre-1950 gear," but then it goes on to say, "Send 'MOD' for modern (after 1950) gear." If the intention of the contest is to count gear made in 1950 and thereafter as modern, that last statement should be corrected to say, "Send 'MOD' for modern (after 1949) gear."

#4 and MOST IMPORTANT, as stated under Special Conditions and reflected in the Power Multiplier Scoring rules, the "Contest (is) designed to favor those using low power ..." That is ridiculous!!! It encourages contestants to put anemic signals on the air, and thus it limits the number of contacts that will be possible, especially for those of us who live in sections of the country far away from the bulk of participating stations.

UNLESS AND UNTIL THIS STUPID POWER MULTIPLIER IS REMOVED FROM THE CONTST RULES, I WILL NOT BE PARTICIPATING!

Jim Hanlon, W8KGI

6996. Re: [AWA Group] Linc Cundall Contest gripes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-27 02:13:38 UTC
From: N1BUG
Topic: 6995 Message: 6996

On 11/26/2012 05:49 PM, JAMES HANLON wrote:
>
>
> #1, The Rules page appears to be for last January's contest, not
> the upcoming one in 2013. The heading says 2012, and the dates
> correspond to January 2012 days of the week.

I will take the blame for that! That's another problem with having a web site with internal links that don't work. It forces people to go digging through an archaic file listing to find what they should have been able to get by clicking a link. In so doing I evidently got last year's Linc Cundall files, rather than this year's. My mistake. There is another set of Linc Cundall files, which are not dated at all!? In the absence of a year being given, I checked the contest dates vs. day of the week. They SEEM to be for 2013, but no guarantee. They are:

http://www.antiquewireless.org/pdf/cundall_rules.pdf

http://www.antiquewireless.org/pdf/cundall_log.pdf

73,
Paul N1BUG

6997. BK 1929 QSO Party Rules on the AWA Website

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-27 02:55:29 UTC
From: whitebear1122@comcast.net
Topic: 6995 Message: 6997

After reading some of the comments about difficulty in accessing the AWA amateur contest rules page I checked again to make sure they are still readable. I am able to access the 1929 Rules and Logsheet just fine. If anyone is having trouble, email me and I will be happy to email the rules or logsheet.

As I've done in the past, I did send a snail mail of the rules and logsheet, albeit rather late this year, via USPS. They should be arriving Wednesday. I sent them to the people who I felt may not have access to this AWAGROUP list or AWA list or web access. There are alot of OT's in the 29 QSO Party who are not on the web. Most of the folks on this list won't be receiving it because I know you have access to the Awa website and rules. Never-the-less I sent out around 70 logs. The snail mailing is not sanctioned by the AWA, nor reimbursed by AWA. The money for paper, ink, postage, envelopes and the effort are a donation to the 1929 Group by me because I love the the event so much.

GL in the 1929 QSO party this coming weekend and I hope to work you! 73 Scott WA9WFA

6998. Re: [AWA Group] BK 1929 QSO Party Rules on the AWA Website

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-27 13:10:11 UTC
From: N1BUG
Topic: 6995 Message: 6998

Hi Scott,

No one is blaming you for problems accessing information on the web site, but those problems are real for a significant number of visitors. There have been issues and inconsistencies with the AWA web site since I became aware of it two years ago. I've decided, as a member, it is time to be the squeaky wheel and see if there is any interest within the organization to make things better. I hope and assume the interest is there.

"I am able to access the 1929 Rules and Logsheet just fine."

I'm sure that's true and probably whoever set up the web site believes it is fine because it works for them. I see that a lot. As a webmaster and former software developer I can attest that is not sufficient evidence for assuming all is well. Computer configurations vary greatly, and a well designed web site will work with the vast majority. The AWA web site does not seem to live up to that. I find it nearly incomprehensible that any organization with a web site wouldn't want to do everything possible to assure standards compliance and support for the broadest possible visitor base. Especially one which (perhaps a false assumption on my part!) needs to attract new members for its long term survival. Many of the younger generation(s) are very technology/internet oriented and tend to form opinions in part based on web/internet presence. At 48 I'm not even one of the "younger generation(s)" I refer to, but even I catch myself falling victim to that unfortunate malady. Sad, perhaps. But reality in today's world, none the less. I operate under the assumption all of the issues with the AWA web site are simple oversights and don't represent lack of interest or commitment. But isn't it a good time to review and tidy up?

"If anyone is having trouble, email me and I will be happy to email the rules or logsheet."

Of course! But we are asked to direct any non-participants who contact us during the Bruce Kelley event to the web site for more information. Wouldn't it be great if most of them could access the full QSO Party rules on the site? I submit many will not be able to with the current setup. For some, hearing us on the air might be their first introduction to the AWA. They may visit the web site to learn more about the event or the organization. One would hope their first impression is a good one.

"Most of the folks on this list won't be receiving it because I know you have access to the Awa website and rules."

I don't need it. But I have "access" to them on the web site only due to having knowledge of how web sites work and being able to "find" the files after links on the web site failed to work for me. At least two other members of AWAGroup spoke up about the same problem. For every person who speaks up about not being able to get the links on the site to work, how many have the same problem but don't say so? One wonders. I have checked with several different computer configurations and also asked friends to check the site. Many have problems with it. This won't just affect one or two people, but a significant percentage of site visitors.

I commend you for your heroic efforts to get the QSO Party information into the hands of likely participants who don't have access to the web site! Thanks for that and for all that you do!

By the way, this post probably won't show up on the AWA Yahoo Group since I am not subscribed to that. Feel free to forward it there or to anyone within the AWA who may take an interest in making the web site more user friendly and compatible for a broader visitor base. I have recently contacted the webmaster about this, and await a reply.

4 days, 10 hours and counting down!

Best regards,
Paul N1BUG

6999. Re: [AWA Group] BK 1929 QSO Party Rules on the AWA Website

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-27 16:01:53 UTC
From: whitebear1122@comcast.net
Topic: 6995 Message: 6999

Paul wrote: "No one is blaming you for problems accessing information on the web site, but those problems are real for a significant number of visitors"

I know you aren't blaming me or directing comments my way. I have zero involvement in the webpage. Marc Ellis and Chuck Schwark are the keepers of the webpage. I only chimed in to let folks know the 1929 rules and log are up to date , were put on the website a month or two ago, and can be emailed if problems prevent the webpage logs from being accessed.

73, Scott WA9WFA

7000. Mama Mia...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-27 20:45:28 UTC
From: Eddy Swynar
Topic: 5145 Message: 7000

This guy simply CAN'T be serious:

http://www.ebay.com/itm/AR-88D-shortwave-radio-functional-Aligned-and-repaired-/160930510151?pt=US_Ham_Radio_Receivers&hash=item257834b547

~73~ de Eddy VE3CUI - VE3XZ

7001. Re: [AWA Group] Mama Mia...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-27 20:50:19 UTC
From: ve7sl@shaw.ca
Topic: 5145 Message: 7001

>This guy simply CAN'T be serious:

check his feedback...he seems to have quite a supply of AR-88s!

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7002. Re: [AWA Group] Linc Cundall Contest gripes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-27 20:51:32 UTC
From: Niel - W0VLZ
Topic: 6995 Message: 7002

I see the Linc Cundall 40 mtr frequencies have shifted to 7100-7125.

I have about twenty 7120KC crystals I'll give away in pairs (so you can grind one up a couple of KHz and pencil lead one down a little). I ask the cost of a padded envelope and postage. The bad news is that they are in CR-1B holders. See http://www.af4k.com/crystal_holders.htm . If you are really fortunate you have a socket to match but they can be forced into two holes of a four pin socket, quartz moved to another holder or pins modified to fit another socket.

73,
Niel - W0VLZ

> I will take the blame for that! That's another problem with having a
> web site with internal links that don't work. It forces people to go
> digging through an archaic file listing to find what they should have
> been able to get by clicking a link. In so doing I evidently got last
> year's Linc Cundall files, rather than this year's. My mistake. There
> is another set of Linc Cundall files, which are not dated at all!? In
> the absence of a year being given, I checked the contest dates vs. day
> of the week. They SEEM to be for 2013, but no guarantee. They are:
>
> http://www.antiquewireless.org/pdf/cundall_rules.pdf
>
> http://www.antiquewireless.org/pdf/cundall_log.pdf
>
> 73,
> Paul N1BUG
>
> _
>
>

7003. Re: [AWA Group] Mama Mia...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-27 21:02:53 UTC
From: Louis Vermond
Topic: 5145 Message: 7003

Got'n into the eggnog a bit early perhaps?

Great American Built AR-88D! Built in NJ for the war! Mostly original except for the meter.
Early model with total orange dial rather than the striped...
Unit rebuilt and tested.
Tubes working, circuitry tested...
The usual rebuilding of my own.
This is my 5th unit.
Rebuilt as soldier would while in the bunker busted by bombs...
Built to last!
You get this original unit as per specified for war! NO BS!
Unit rebuilt for combat...
My first unit built for this condition! My last great AR-88D before closing shop!
This is truly it! My last unit!
This time this unit comes out ready for combat! I wilt give you my word! As back then the word was heavy and loaded with responsibility! You pay and you get a near pristine performance besides its combat category of a neat radio receiver...
So get ready for your shack and put the Browning .50 near it if some SOB comes to steal it!
Origin USA
M#AR-88D
5 band selection
Early model
Lots of silver in it...
Contacts intact...
Unit works...
These are the items
Cord 18awgX3
plug
condensers... Complete every tube spare tested for forever usage and beyond... You get also my own aerial MFG 10-80 meters ready for use dipole.
If you are interested in this piece, please reply and let at least 20 days for delivery at your porch...
Custom box made for it...
Insured!
Rebuilt by a licensed tech. if you are punctilious of mind, if not it is rebuilt nicely any way.
Lic.#14830
Comes with manual and also a nice ad from WW2.
Your last chance of owning a piece of history!
Cabinet is heavy and re-done...
Ask any questions you want! The box can be set also for gift! Ho hoh hoh

7004. Re: [AWA Group] Linc Cundall Contest gripes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-27 21:07:42 UTC
From: Louis Vermond
Topic: 6995 Message: 7004

I'll take two! Tks, Lou

Vermond
P.O. Box 543
St. Marys, Ontario
N4X 1B3
CANADA

----- Original Message -----
From: Niel - W0VLZ
To: AWAGroup@yahoogroups.com
Sent: 2012-11-27 3:51 PM
Subject: Re: [AWA Group] Linc Cundall Contest gripes

I see the Linc Cundall 40 mtr frequencies have shifted to 7100-7125.

I have about twenty 7120KC crystals I'll give away in pairs (so you can grind one up a couple of KHz and pencil lead one down a little). I ask the cost of a padded envelope and postage. The bad news is that they are in CR-1B holders. See http://www.af4k.com/crystal_holders.htm . If you are really fortunate you have a socket to match but they can be forced into two holes of a four pin socket, quartz moved to another holder or pins modified to fit another socket.

73,
Niel - W0VLZ

> I will take the blame for that! That's another problem with having a
> web site with internal links that don't work. It forces people to go
> digging through an archaic file listing to find what they should have
> been able to get by clicking a link. In so doing I evidently got last
> year's Linc Cundall files, rather than this year's. My mistake. There
> is another set of Linc Cundall files, which are not dated at all!? In
> the absence of a year being given, I checked the contest dates vs. day
> of the week. They SEEM to be for 2013, but no guarantee. They are:
>
> http://www.antiquewireless.org/pdf/cundall_rules.pdf
>
> http://www.antiquewireless.org/pdf/cundall_log.pdf
>
> 73,
> Paul N1BUG
>
> _
>
>

7005. Fw: RAC-Bulletin: Press Release - Steven Spielberg's "Lincoln" - Morse Telegraph Club members play key role in Spielberg's Lincoln

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 02:00:43 UTC
From: Louis Vermond
Topic: 7005 Message: 7005

....of possible interest.

Press Release - Steven Spielberg's "Lincoln"
2012-11-25
PRESS RELEASE
Morse Telegraph Club, Inc.
29150 Windsor Rd.
Culpeper, VA. 22701

"Morse Telegraph Club members play a key role in Spielberg's Lincoln"
* *
Members of the Morse Telegraph Club, an association of retired railroad and commercial telegraphers, historians, radio amateurs and others with an interest in the history and traditions of telegraphy and the telegraph industry played an important role in the production of "Lincoln."

According to James Wades (WB8SIW), International President of the Morse Telegraph Club, several members provided period telegraph instruments for use in the construction of the War Department Set. Most notably, Tom Perera (W1TP), Derek Cohn (WB0TUA), Kevin Saville (N7JKD), and Roger Reinke provided sufficient telegraph instruments to equip the sixteen operating positions portrayed at the War Department.

Jim Wilson (K4BAV) and his son, Matt Wilson had minor roles as Extras. Jim also worked with production staff and the actors to explain telegraph technology and the role of the telegrapher.

Jim Wades (WB8SIW) who was employed as a Technical Advisor for the production, worked with set designers over a period of months to develop the War Department telegraph scenes. Mr. Wades coordinated the process of procuring the necessary instruments and served as a historical consultant as the telegraph scenes were developed.

Nine of the sixteen telegraph positions depicted in the War Department were fully operational. These instruments could be operated in any combination through the use of a specialized computer program and terminal units custom built by Mr. Wades for the process. When necessary, a hand key could be inserted in the individual telegraph loops so messages could be improvised.

Mr. Wades worked with the producers to develop historically appropriate message traffic that fit the sequence of the script. However, as the movie was edited, the final product evolved into a more generic facsimile of Morse traffic. However, those with a background in land line telegraphy will hear the occasional snippet of message traffic in the audio track of the movie.

"We are very pleased that Mr. Spielberg and his staff took the time to treat the telegraph with dignity and respect," said Mr. Wades. "It is a pleasure to be associated with a high

quality motion picture that can genuinely be classified as not just entertainment, but as a work of art," he added.

The Morse Telegraph Club was founded in 1943 to perpetuate the knowledge, history and traditions of telegraphy. Chapters are located throughout the United States and Canada. Members are actively involved in a variety of projects including presenting talks on the history of telegraphy to historical societies, schools, and Amateur Radio organizations. Chapters throughout the US and Canada have worked with public museums to build historically correct telegraph exhibits. Members also regularly demonstrate telegraphy at historical events throughout North America.

Complete coverage of the making of the telegraph scenes in "Lincoln" will be published in an upcoming issue of "Dots and Dashes," the official journal of the Morse Telegraph Club.

For more information or interviews, please contact:
International President,
Morse Telegraph Club, Inc.
269-650-0215
jameswades@gmail.com

http://www.morsetelegraphclub.org/

7006. Famous Marshall Ensor rig back on air after 40+ yrs.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 17:47:59 UTC
From: ensoradiomanager
Topic: 7006 Message: 7006

A small team of our Ensor Museum club members has completed a restoration of the 1 KW AM teaching tool used by Ensor, W9BSP in the last 4 of 10 years of over the air instruction to listeners from all over out country during the 1930s. An estimated 10,000 folks were licensed with the aid of the Olathe High School Industrial Arts instructor.

On Saturday, December 8th at 7 to 10 PM [Central] on or near 3885 KCs we will work both AM and SSB stations in announced time slots. The rig is tested and output is 325 to 350 Watts and legal limit when modulated.

QSL to WØPWJ. Ensor web site is http://W9BSP-W9UA.org.

73,
Larry Woodworth WØHXS
Ensor Museum Mgr.

7007. Type DX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 19:57:52 UTC
From: N1BUG
Topic: 7007 Message: 7007

Would anyone have a definitive answer as to how many knurled thumb nuts a Type DX condenser had when new? Two, three, or four? My NOS unit has two, but that proves nothing. Some could have gone missing.

Paul

7008. Type A velvet vernier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 20:02:19 UTC
From: N1BUG
Topic: 7008 Message: 7008

Type "A" velvet verniers... Some have the raised "Velvet Vernier" on the front of the bakelite dial, some don't.
Would anyone know which came first and when the transition date from one to the other might have been?

Paul

7009. Re: [AWA Group] Type DX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 20:21:38 UTC
From: Louis Vermond
Topic: 7007 Message: 7009
Attachments: 1 described; binary payloads are missing from this source WARC

My NOS unit...

Surveillance camera image taken Thursday 3:38AM outside of Bugsy's QTH

7010. Re: [AWA Group] Type A velvet vernier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 20:25:55 UTC
From: Louis Vermond
Topic: 7008 Message: 7010

Would anyone know which came first and when the transition date from one to the other might have been?

2:47PM Thursday, March 28, 1931

7011. Re: [AWA Group] Type DX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 20:40:24 UTC
From: N1BUG
Topic: 7007 Message: 7011
Attachments: 1 described; binary payloads are missing from this source WARC

Uh-oh! I hope the ferocious guards don't mess Lou up too much! ;o)

7012. Re: [AWA Group] Type A velvet vernier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 20:46:24 UTC
From: N1BUG
Topic: 7008 Message: 7012

Would anyone know which came first and when the transition date from one to the other might have been?

2:47PM Thursday, March 28, 1931

And what do I get if I believe that answer?? Don't tell me... I'm not sure I really want to know!
You were caught by the fact March 28, 1931 was a Saturday. :-)

Paul

7013. Re: [AWA Group] Type DX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 20:58:10 UTC
From: Louis Vermond
Topic: 7007 Message: 7013
Attachments: 1 described; binary payloads are missing from this source WARC

Uh-oh! I hope the ferocious guards don't mess Lou up too much! ;o)

Oh him, he was just a diversion...

7014. Re: [AWA Group] Type A velvet vernier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 21:00:14 UTC
From: Louis Vermond
Topic: 7008 Message: 7014

You were caught by the fact March 28, 1931 was a Saturday. :-) Overtime...

7015. Type DX Nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 22:02:25 UTC
From: Louis Vermond
Topic: 7015 Message: 7015

Would anyone have a definitive answer as to how many knurled thumb nuts a Type DX condenser had when new?

definitive? Well, years ago I saw a pristine Kennedy receiver and the DXs each had 4 nuts.

7016. Link coupling question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 22:36:58 UTC
From: Bauman, John
Topic: 6975 Message: 7016
Attachments: 2 described; binary payloads are missing from this source WARC

Attached are two transmitter schematics with link coupling. They both have single ended PA's. The first one is a 6AG7/807 MOPA with parallel tuned conventional link output. The other one uses push-pull type coil with the link in the center and B+ is fed to the center of the tank coil.

I know they both work because I've built them but can someone tell me why they used the push-pull type coil and how does it work with the cap across the whole coil yet B+ fed in the center?

John
KB7NRN

_____
Please visit ATI's all-new website: www.atimetals.com

7017. Re: [AWA Group] Type DX Nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 22:44:39 UTC
From: Roger Kuchera
Topic: 7015 Message: 7017

Lou,
I checked the 4 DX caps that I have and each one only has a single rilled nut on the rotor tension shaft. I have some looseknurled nuts that are loose in the box with the caps. I can't say definiteively.

Roger.

--- On Wed, 11/28/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] Type DX Nuts
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Wednesday, November 28, 2012, 5:02 PM

Would anyone have a definitive answer as to how many knurled thumb nuts a Type DX condenser had when new?

definitive? Well, years ago I saw a pristine Kennedy receiver and the DXs each had 4 nuts.

7018. Re: [AWA Group] Type DX Nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 22:56:40 UTC
From: Louis Vermond
Topic: 7015 Message: 7018

Thanks, Roger, but it's Paul, N1BUG's dilemma. I'm just the piano player. Lou

----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2012-11-28 5:44 PM
Subject: Re: [AWA Group] Type DX Nuts

Lou,
I checked the 4 DX caps that I have and each one only has a single rilled nut on the rotor tension shaft. I have some looseknurled nuts that are loose in the box with the caps. I can't say definiteively.

Roger.

--- On Wed, 11/28/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] Type DX Nuts
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Wednesday, November 28, 2012, 5:02 PM

Would anyone have a definitive answer as to how many knurled thumb nuts a Type DX condenser had when new?

definitive? Well, years ago I saw a pristine Kennedy receiver and the DXs each had 4 nuts.

7019. Re: [AWA Group] Link coupling question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-28 23:25:05 UTC
From: Niel - W0VLZ
Topic: 6975 Message: 7019

John,

I've built the 47-46 transmitter also. See http://w0vlz.blogspot.com/search/label/1934%20transmitter It was a popular design in the early 30s. I'll be using mine in the January LC.

The two 46s are connected in parallel so, for RF out, a C9/L3 circuit like in your 807 transmitter would have worked. The problem is that the two 46s require neutralization where as the 807 does not. Without neutralization the 46 finals could take off like a TGTP transmitter....maybe ok in 1929 but not planned for this crystal controlled transmitter. The bottom half of L2 develops the out of phase RF that can be fed back to the 46 grids via C7 to cancel any feedback.

Niel

Bauman, John wrote:
>
> Attached are two transmitter schematics with link coupling. They both
> have single ended PA's. The first one is a 6AG7/807 MOPA with parallel
> tuned conventional link output. The other one uses push-pull type coil
> with the link in the center and B+ is fed to the center of the tank coil.
>
> I know they both work because I've built them but can someone tell me
> why they used the push-pull type coil and how does it work with the
> cap across the whole coil yet B+ fed in the center?
>
> John
>
> KB7NRN
>
>
> ---
> Please visit ATI's all-new website: www.atimetals.com
>
>
> Novice sch crop.jpg
>
>
>
> 47-46_SCHEMATIC_as_built_002.jpg
>
>

7020. Re: [AWA Group] Type DX Nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 00:48:54 UTC
From: N1BUG
Topic: 7015 Message: 7020

Thanks, Roger, but it's Paul, N1BUG's dilemma. I'm just the piano player. Lou

Did hear music?
Thanks Lou and Roger. Four makes the most sense, I think. I'll configure 'em that way.

73,
Paul

7021. Re: [AWA Group] Type DX Nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 03:45:50 UTC
From: Roger Kuchera
Topic: 7015 Message: 7021

I believe there were 2 stator and 2 rotor connections on the rear of the condenser. Yup!
4 would be my SWAG.

Roger.

--- On Wed, 11/28/12, N1BUG <paul@...> wrote:

From: N1BUG <paul@...>
Subject: Re: [AWA Group] Type DX Nuts
To: AWAGroup@yahoogroups.com
Date: Wednesday, November 28, 2012, 7:48 PM

Thanks, Roger, but it's Paul, N1BUG's dilemma. I'm just the piano player. Lou

Did hear music?
Thanks Lou and Roger. Four makes the most sense, I think. I'll configure 'em that way.

73,
Paul

7022. 1920s Regen

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 14:31:01 UTC
From: Bill Stewart
Topic: 7022 Message: 7022

Morning all,

Has anyone built a late 1920s regen? If so, can you give me details such as an article ref (would prefer something from QST), how well it worked, etc. It's just not right to be using a Drake 2B with my '29 rigs. My main object would be to have a matching regen suitable for some casual contacts, not require a lot of special parts, maybe a max of 3 tubes. Any suggestions?

Thanks...73 de Bill K4JYS

7023. Re: [AWA Group] 1920s Regen

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 15:11:32 UTC
From: Niel - W0VLZ
Topic: 7022 Message: 7023

Bill,

Georage Grammer, Assistant QST Technical Editor, described a two tube regen receiver in the December 1930 issue of QST. It used type 24 and 27 tubes so could have been built in 1929. I built a version of Grammer's regen. See http://www.prismnet.com/~nielw/sg_regen/sg_regen.htm

Prior to the screen grid an '01 regen detector followed by a '01 audio stage was the norm. See http://www.prismnet.com/~nielw/onestep/onestep.htm

What sort of schedule are you on? I might be able to help with parts.

73,
Niel - W0VLZ

Bill Stewart wrote:
>
> Morning all,
>
> Has anyone built a late 1920s regen? If so, can you give me details
> such as an article ref (would prefer something from QST), how well it
> worked, etc. It's just not right to be using a Drake 2B with my
> '29 rigs. My main object would be to have a matching regen suitable
> for some casual contacts, not require a lot of special parts, maybe a
> max of 3 tubes. Any suggestions?
>
> Thanks...73 de Bill K4JYS
>
>
>

7024. de K1TG - Is my memory going?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 19:20:59 UTC
From: Roger Kuchera
Topic: 7024 Message: 7024

Gentlemen,
I was pondering what should be a simple question, to wit:

If I choose to key the center-tap lead of a transformer instead of keying the center of a resistor, they would be equal; Yes?

I am not fond of using center-tapped resistors, they waste power.
I must be loosing my marbles not to have the answer up front.

CUL, Roger/K1TG

7025. de K1TG - Follow on.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 19:27:31 UTC
From: Roger Kuchera
Topic: 7025 Message: 7025

```
OOps,
Insert "Filament" where needed.

Roger.
```

7026. Re: [AWA Group] de K1TG - Is my memory going?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 19:31:08 UTC
From: N1BUG
Topic: 7024 Message: 7026

Hi Roger,

I wouldn't know where to lay eyes on it right now, but I'm sure I read in some 1920s literature that both methods work fine and are functionally equivalent.

73,
Paul N1BUG

On 11/29/2012 02:20 PM, Roger Kuchera wrote:
> Gentlemen,
> I was pondering what should be a simple question, to wit:
>
> If I choose to key the center-tap lead of a transformer instead of
> keying the center of a resistor, they would be equal; Yes?
>
> I am not fond of using center-tapped resistors, they waste power.
> I must be loosing my marbles not to have the answer up front.
>
> CUL, Roger/K1TG

7027. Re: [AWA Group] de K1TG - Is my memory going?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 20:08:11 UTC
From: KG4KGL
Topic: 7024 Message: 7027

Roger,

Just a curious guy here. How does the center tapped resistor waste power, or does that only pertain to directly heated triodes?

73,

Robert
KG4KGL

On Nov 29, 2012, at 14:20, Roger Kuchera <rwkuchera@...> wrote:

> Gentlemen,
> I was pondering what should be a simple question, to wit:
>
> If I choose to key the center-tap lead of a transformer instead of
> keying the center of a resistor, they would be equal; Yes?
>
> I am not fond of using center-tapped resistors, they waste power.
> I must be loosing my marbles not to have the answer up front.
>
> CUL, Roger/K1TG
>
>

7028. Re: [AWA Group] de K1TG - Is my memory going?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 21:49:34 UTC
From: Larry Szendrei
Topic: 7024 Message: 7028

On 11/29/12 3:08 PM, KG4KGL wrote:
> Roger,
>
> Just a curious guy here. How does the center tapped resistor waste
> power, or does that only pertain to directly heated triodes?
>
> 73,
>
> Robert
> KG4KGL
>
Hi Robert,

All resistors waste power because they turn electrical energy into heat.
So it's wasted, unless heat is the desired product ;-)

As far as keying a center-tapped filament resistor vs. the center-tap of
the filament winding of a transformer - yes, they accomplish the same
thing, uless you are purposefully attempting to generate cathode bias
across the filament resistor (usually this is not the case and the
resistor value is chosen small enough that negligable çåthode bias
develops across it).

73,
-Larry/NE1S

7029. 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 22:05:07 UTC
From: Eddy Swynar
Topic: 1178 Message: 7029

Hi Guys,

There's supposed a new "VE3"-type who promises to be in the BK affair this season with a HB '29-style rig...

Listen for Bill---VE3AUI---from London, Ontario...and don't confuse his call with that of VE3CUI, either! Hi Hi

I plan to use VE3XZ for the duration of the event, anyway...

Good luck all, & vy

~73~ de Eddy VE3CUI - VE3XZ

7030. Re: [AWA Group] 1920s Regen

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 22:25:39 UTC
From: Steve Flood
Topic: 7022 Message: 7030

Hi Bill,

I am currently building a 4-tube regen (222-201a-222-201a). I think it is from a Paul Hendricks QST artilce in 1929. I had it 'sort of' working last spring but put it away for the summer. I'll be fiddling with it some more this winter. I'll keep the group posted on my progress.

Steve KK7UV

7031. de K1TG - Durrrr!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-29 22:47:31 UTC
From: Roger Kuchera
Topic: 7031 Message: 7031

Gentlemen,

That's what I thought. With the CT lifted there is no RF ground but the heaters are lit.

There will be no bias resistor used. It will be part of another project; a 47-46-210 TX. I may have to reverse mortgage the homestead to get a 210.

Thank you all for your time and effort.

CUL, Roger/K1TG

7032. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 04:00:34 UTC
From: whitebear1122@comcast.net
Topic: 1178 Message: 7032

Great news that another Canadian 29'er will be on the air for the 29 QSO Party. Other than you Eddy, Lou VA3AWA, and Steve VE7SL, have there been other Canadians on the 29 QSO Party in the past?

Tonight I finally routed the ladder line from the 80/40 meter inverted vee into the shack and hooked it up. I also replaced a broken tube socket on the push pull 210 Colpitts transmitter. Tomorrow night I will fire up the Colpitts and see if it works.

Good luck to all in the event. 73, Scott WA9WFA

----- Original Message -----
From: "Eddy Swynar" <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, November 29, 2012 4:05:07 PM
Subject: [AWA Group] 1929 QSO Party

Hi Guys,

There's supposed a new "VE3"-type who promises to be in the BK affair this season with a HB '29-style rig...

Listen for Bill--- VE3AUI ---from London, Ontario...and don't confuse his call with that of VE3CUI , either! Hi Hi

I plan to use VE3XZ for the duration of the event, anyway...

Good luck all, & vy

~73~ de Eddy VE3CUI - VE3XZ

7033. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 15:52:06 UTC
From: Eddy Swynar
Topic: 1178 Message: 7033

On 2012-11-29, at 11:00 PM, whitebear1122@... wrote:

>
> Great news that another Canadian 29'er will be on the air for the 29 QSO Party. Other than you Eddy, Lou VA3AWA, and Steve VE7SL, have there been other Canadians on the 29 QSO Party in the past?
>
> Tonight I finally routed the ladder line from the 80/40 meter inverted vee into the shack and hooked it up. I also replaced a broken tube socket on the push pull 210 Colpitts transmitter. Tomorrow night I will fire up the Colpitts and see if it works.
>

Hi Scott,

Well, Mike (VE3DKW) used to enter the event religiously, as did Dave (VE3BBN...? VE3BBW...?) from the Niagara area...

But is sure does look like Canucklehead participation has whittled down to just us 3 Stooges---err, I mean, THREE MUSKETEERS!---comprised of Seve (on the left coast), Lou, & yous truly...

Too bad there weren't bonus points for working "DX" like us! Hi Hi

Good luck, Scott!

~73~ de Eddy VE3CUI - VE3XZ

7034. 1929 qso party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 16:03:18 UTC
From: barry whittemore
Topic: 7034 Message: 7034

so, this weekend is it. As this will be my first shot at it and i plan to also be playing in the ARRL 160 Contest with my 100 watt K3, I will likely choose times for the BK when 160 is not open. I only have the coil for 40 meters and have put up an antenna for it. what are the best times to find someone on? I have no dilusions of needing a dupe sheet and will be using the paper log sheet. (i think still remeber how)
I will be using my type 27 hartley with an ultra modern (Neophyte) RX.
I hope to at least get a few contacts with the TX. It will be a first for me.

Thanks
and 73
Barry
NF1O

7035. Re: [AWA Group] 1929 qso party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 16:14:50 UTC
From: Eddy Swynar
Topic: 7034 Message: 7035

On 2012-11-30, at 11:03 AM, barry whittemore wrote:

>
> so, this weekend is it. As this will be my first shot at it and i plan to also be playing in the ARRL 160 Contest with my 100 watt K3, I will likely choose times for the BK when 160 is not open. I only have the coil for 40 meters and have put up an antenna for it. what are the best times to find someone on? I have no delusions of needing a dupe sheet and will be using the paper log sheet. (i think still remember how)
> I will be using my type 27 hartley with an ultra modern (Neophyte) RX.
> I hope to at least get a few contacts with the TX. It will be a first for me.
>
>

Hi Barry,

I don't think that ANY of us SERIOUSLY harbour any delusions of maintaining a dupe sheet in this event...!

Remember: "if" you can score SIXTY QSOs, you'll probably be the overall winner (and that's 60 QSOs in total over TWO weekends, too! Hi Hi).

Remember to S-L-O-W yourself down, too---after being used to the rapid-fire 3+ QSOs per hour in the ARRL event, you'll find the speed in the BK affair to be CONSIDERABLY more relaxed. So take it easy, QRS, and remember that the mantra of this event, primarily, is FUN. There are no losers in this party---EVERYONE wins, when all is said & done...

~73~ de Eddy VE3CUI - VE3XZ

>
>

7036. Fwd: Topband: "Antique Wireless Association" 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 16:43:58 UTC
From: Eddy Swynar
Topic: 7036 Message: 7036

Hi Guys,

I posted this message (below) onto the Topband Reflector this morning...

Best let the denizens of Topband know in advance of our "invasion" on 1.8-MHz, rather than incur the risk of anonymous & nasty on-the-air snippets & comments after each & every "CQ AWA", right...?! Hi Hi

Who knows...? Maybe more than a few will get bitten by the same OT radio "bug" as that other "BUG" (N1BUG, that is!) who hangs his hat up New England way... :o)

Hope springs eternal.

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

> From: Eddy Swynar <deswynar@...>
> Date: November 30, 2012 9:28:56 AM EST
> To: topband@...
> Subject: Topband: "Antique Wireless Association" 1929 QSO Party
>
> Good Day All,
>
> Without a doubt, this weekend will see the band wall-to-wall full of Hams engaged in the "ARRL 160-Meter Contest"...however, the second weekend coming will see participation of a number of QRP 1929-style transmitters taking part in the annual AWA-sponsored "1929 QSO Party".
>
> Complete rules may be seen by clicking onto:
http://www.antiquewireless.org/pdf/kelley_rules.pdf
>
> This year marks the very first time that the use of 1.8-MHz is allowed. Contenders will limit activity to just the bottom 10-KHz of the band, however, so as not to disrupt any regular routines on Topband.
>
> So---if there is no DX responding to your repeated calls, and you've already pasted your fill of postage stamps into your collection's album(!), have a listen to the bottom of 160, close your eyes---and be transported back in time some 83 years: this is really & truly the way things sounded on the bands right around the time of the "Big Crash of '29"! It's a unique & very rare opportunity to gain insight into the roots and history of this wonderful passion that we call Amateur radio...
>
> ~73!~ de Eddy VE3CUI - VE3XZ
>
> PS: Yours truly will take to the air the second weekend with a homebrewed balloon-envelope type 227-tube Hartley oscillator driving a pair of 227's in

```
parallel...input? A bone-crushing 10-watts!
> ___________________________________________________
> Topband reflector - topband@...
```

7037. Re: [AWA Group] 1929 qso party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 17:08:44 UTC
From: ve7sl@shaw.ca
Topic: 7034 Message: 7037

I don't know about the rest of you but I don't plan on any 160 activity on weekend #1 of the B-K. The second weekend I will most definitely be there. Perhaps we could agree on an 'operational window of time', closer to the event, when those planning to be on 160 could all get there around the same time so as to minimize our 80m 'down' time.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7038. Re: [AWA Group] 1929 qso party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 18:15:42 UTC
From: Eddy Swynar
Topic: 7034 Message: 7038

On 2012-11-30, at 12:08 PM, <ve7sl@...> wrote:

> I don't know about the rest of you but I don't plan on any 160 activity on
> weekend #1 of the B-K. The second weekend I will most definitely be there.
> Perhaps we could agree on an 'operational window of time', closer to the
> event, when those planning to be on 160 could all get there around the same
> time so as to minimize our 80m 'down' time.
>
>

Hi Steve,

Just say the word...!

I agree 101% with you re. 160 this weekend: as Tony Soprano would say, "FAWGETABOUTIT!" It is NOT going to happen on account of the ARRL 160-meter contest starting up at 2200Z to-day...

That's a no-brainer, as was splitting operation betwixt 80- and 40-meters in the past, i.e. "...At night, 80 delight---at day, on 40 I'll stay"...! But how does one reconcile Topband into the whole scheme of things...?

"It's dark and I'm frisky---think I'll try 160"...?!

Like you, obviously I'm open to suggestions (some GOOD ones, too, Lou...! Yes, I'm looking right at you).

~73~ de Eddy VE3CUI - VE3XZ

7039. 160m BK Ops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 18:42:02 UTC
From: ve7sl@shaw.ca
Topic: 7034 Message: 7039

>Like you, obviously I'm open to suggestions (some GOOD ones, too, Lou...!
>Yes, I'm looking right at you).

Out here I often can hear east coasters on 160 before sunset and continue to hear them all evening until they start to hear me. It seems there is a lot of weirdness associated with this one-way prop...something to do with ionospheric-tilting during sunset and early evening...so the later the better for me. Having said that, guys back east will probably find they are easily able to work each other long before there is any chance of working back west or even to the central states and the large MN gang. Whatever times are suggested, I will be there. There is also a huge peak of east coast signals back here just at your sunrise so maybe an early-morning 160 window might work as a back up.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7040. Fwd: Topband: "Antique Wireless Association" 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 21:05:37 UTC
From: Eddy Swynar
Topic: 7036 Message: 7040
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys,

Here's a rather nice message from a subscriber to the Topband Reflector in Bavaria...

He'll be with us in spirit, if not in fact...!

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

> From: "Thomas Hoeppe" <thomas.hoeppe@...>
> Date: November 30, 2012 2:24:10 PM EST
> To: "Eddy Swynar" <deswynar@...>
> Subject: Re: Topband: "Antique Wireless Association" 1929 QSO Party
>
> I wish I were in NA during that time! My type 27 tube Hartley will not cross the lake....even with 2 tubes, hi.
> Have fun! I am with you...mentally!
>
> Stylish XMAS!
>
> 73s de Tom, DJ5RE in Bavaria!
>
> www.hoeppe.name (including the Hartley)
>
>
>
> ----- Original Message ----- From: "Eddy Swynar" <deswynar@...>
> To: <topband@...>
> Sent: Friday, November 30, 2012 3:28 PM
> Subject: Topband: "Antique Wireless Association" 1929 QSO Party
>
>
>> Good Day All,
>>
>> Without a doubt, this weekend will see the band wall-to-wall full of Hams engaged in the "ARRL 160-Meter Contest"...however, the second weekend coming will see participation of a number of QRP 1929-style transmitters taking part in the annual AWA-sponsored "1929 QSO Party".
>>
>> Complete rules may be seen by clicking onto: http://www.antiquewireless.org/pdf/kelley_rules.pdf
>>
>> This year marks the very first time that the use of 1.8-MHz is allowed. Contenders will limit activity to just the bottom 10-KHz of the band, however, so as not to disrupt any

regular routines on Topband.
>>
>> So---if there is no DX responding to your repeated calls, and you've already pasted your fill of postage stamps into your collection's album(!), have a listen to the bottom of 160, close your eyes---and be transported back in time some 83 years: this is really & truly the way things sounded on the bands right around the time of the "Big Crash of '29"! It's a unique & very rare opportunity to gain insight into the roots and history of this wonderful passion that we call Amateur radio...
>>
>> ~73!~ de Eddy VE3CUI - VE3XZ
>>
>> PS: Yours truly will take to the air the second weekend with a homebrewed balloon-envelope type 227-tube Hartley oscillator driving a pair of 227's in parallel...input? A bone-crushing 10-watts!
>> _____
>> Topband reflector - topband@...

7041. Re: [AWA Group] Fwd: Topband: "Antique Wireless Association" 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 21:29:00 UTC
From: N1BUG
Topic: 7036 Message: 7041

Hi Eddy,

Nice! You heard from my old EME and 160m friend, Tom! We had some exchanges after he saw my TNT on the web site and blog. Soon after Tom built his '27 Hartley. :-)

73,
Paul N1BUG
(tired - walked about 7 miles with DF loop today trying to track down yet another source of strong RFI on 160)

On 11/30/2012 04:05 PM, Eddy Swynar wrote:

Hi Guys,

Here's a rather nice message from a subscriber to the Topband Reflector in Bavaria...

He'll be with us in spirit, if not in fact...!

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

From: "Thomas Hoeppe" <thomas.hoeppe@...>

Date: November 30, 2012 2:24:10 PM EST

To: "Eddy Swynar" <deswynar@...>

Subject: Re: Topband: "Antique Wireless Association" 1929 QSO Party

I wish I were in NA during that time! My type 27 tube Hartley will not cross the lake....even with 2 tubes, hi.
Have fun! I am with you...mentally!

Stylish XMAS!

73s de Tom, DJ5RE in Bavaria!

www.hoeppe.name (http://www.hoeppe.name) (including the Hartley)

7042. RE: [AWA Group] 1929 qso party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 21:44:57 UTC
From: barry whittemore
Topic: 7034 Message: 7042

I will be slow, using my 1920s Navy flameproof key. I figured it was a good fit with the theme. Ill be happy with 5 QSOs I have already had fun building up my Hartley and it can only get better if i can actually make a few contacts with it.
Ive made thousands with my K3 and Yaesus etc but i am looking forward to this.
73 and hope to hear you on.
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: deswynar@...
Date: Fri, 30 Nov 2012 11:14:50 -0500
Subject: Re: [AWA Group] 1929 qso party

On 2012-11-30, at 11:03 AM, barry whittemore wrote:

so, this weekend is it. As this will be my first shot at it and i plan to also be playing in the ARRL 160 Contest with my 100 watt K3, I will likely choose times for the BK when 160 is not open. I only have the coil for 40 meters and have put up an antenna for it. what are the best times to find someone on? I have no delusions of needing a dupe sheet and will be using the paper log sheet. (i think still remember how)

I will be using my type 27 hartley with an ultra modern (Neophyte) RX.

I hope to at least get a few contacts with the TX. It will be a first for me.

Hi Barry,
I don't think that ANY of us SERIOUSLY harbour any delusions of maintaining a dupe sheet in this event...!
Remember: "if" you can score SIXTY QSOs, you'll probably be the overall winner (and that's 60 QSOs in total over TWO weekends, too! Hi Hi).
Remember to S-L-O-W yourself down, too---after being used to the rapid-fire 3+ QSOs per hour in the ARRL event, you'll find the speed in the BK affair to be CONSIDERABLY more relaxed. So take it easy, QRS, and remember that the mantra of this event, primarily, is FUN. There are no losers in this party---EVERYONE wins, when all is said & done...
~73~ de Eddy VE3CUI - VE3XZ

7043. Re: [AWA Group] 160m BK Ops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 21:46:42 UTC
From: N1BUG
Topic: 7034 Message: 7043

I'll try 160 at whatever times the group may suggest. I'm almost sure to try it at my sunrise for the folks out west... if any of you are going to be up at that hour!

It's a shame we have ARRL 160 "in the way" this weekend, because 160 is HOT! Yesterday and again today, the Europeans are pounding in. Right now the whole 1810 to 1825 segment is crammed FULL of Europeans working Japan. In Japan they are only allowed that small segment of the band. Also, last night EY8MM, Nodir in Tajikistan was hammering in here 579 to 589 for quite a while, and working well into the midwest. That is a relatively high latitude (therefore difficult) path that has not been this good in the past two seasons. Hopefully, 80 and 40 meters are in similar shape - getting ready for us! :-)

73,
Paul N1BUG

On 11/30/2012 01:42 PM, ve7sl@... wrote:
>
>> Like you, obviously I'm open to suggestions (some GOOD ones, too, Lou...!
>> Yes, I'm looking right at you).
>
> Out here I often can hear east coasters on 160 before sunset and continue to
> hear them all evening until they start to hear me. It seems there is a lot
> of weirdness associated with this one-way prop...something to do with
> ionospheric-tilting during sunset and early evening...so the later the
> better for me. Having said that, guys back east will probably find they are
> easily able to work each other long before there is any chance of working
> back west or even to the central states and the large MN gang. Whatever
> times are suggested, I will be there. There is also a huge peak of east
> coast signals back here just at your sunrise so maybe an early-morning 160
> window might work as a back up.
>
> Steve

7044. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 23:46:49 UTC
From: Jim Robson
Topic: 1178 Message: 7044
Attachments: 1 described; binary payloads are missing from this source WARC

Gentlemen, one other Canadian will be about: VE3BHK courtesy of my friend VE3AWA with Lou's 29 TNT. Attached is a photo. BHK will be QRO at 2W input on a 201A, 80m metre dipole, ladderline fed, rx is a Kenwood TS830. 3BHK will also be QRS es QSD. I expect many DX QSO's with Europe; I would be grateful if you guys could leave 3550 open. 73, Jim.

On 30/11/12 10:52 AM, Eddy Swynar wrote:
>
>
> On 2012-11-29, at 11:00 PM, whitebear1122@...
> <mailto:whitebear1122@...> wrote:
>
>>
>> Great news that another Canadian 29'er will be on the air for the 29
>> QSO Party. Other than you Eddy, Lou VA3AWA, and Steve VE7SL, have
>> there been other Canadians on the 29 QSO Party in the past?
>>
>> Tonight I finally routed the ladder line from the 80/40 meter
>> inverted vee into the shack and hooked it up. I also replaced a
>> broken tube socket on the push pull 210 Colpitts transmitter.
>> Tomorrow night I will fire up the Colpitts and see if it works.
>
>
>
>
> */Hi Scott,/*
>
> Well, Mike (VE3DKW) used to enter the event religiously, as did Dave
> (VE3BBN...? VE3BBW...?) from the Niagara area...
>
> But is sure does look like Canucklehead participation has whittled
> down to just us 3 Stooges---err, I mean, */THREE
> MUSKETEERS!/*---comprised of Seve (on the left coast), Lou, & yous
> truly...
>
> Too bad there weren't bonus points for working "DX" like us! Hi Hi
>
> Good luck, Scott!
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>

7045. Re: [AWA Group] 160m BK Ops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-11-30 23:47:50 UTC
From: ve7sl@shaw.ca
Topic: 7034 Message: 7045

> It's a shame we have ARRL 160 "in the way" this weekend, because 160
> is HOT!

It is indeed...I gather there is very little polar cap absorption tonight as I've been hearing Europe here since before 1500 local time...90 minutes before sunset. I've worked a number of VE3's, 2's and some W2's also, just after 1500 local time so condx are great. I'll play in the contest tonight only though.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7046. Re: [AWA Group] Fwd: Topband: "Antique Wireless Association" 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 01:38:51 UTC
From: Larry Szendrei
Topic: 7036 Message: 7046

I printed out the ARRL bulletin transmission on the Model 28 TTY last night and noticed the BK was on the list of events given for this weekend. No other details, though, for the BK or any of the other happenings.

73,
-Larry/NE1S

7047. 21

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 01:57:09 UTC
From: Louis Vermond
Topic: 7047 Message: 7047

http://free.timeanddate.com/countdown/i32x0z5s/cf12/cm0/cu5/ct0/cs0/ca0/co1/cr0/ss0/cac000/cpc000/pcfff/tcfff/fs100/szw576/szh243/tatTime%20left%20to%20BK%202012/tac009/tptTime%20since%20Start%20of%20BK%202012/tpcf00/iso2012-12-01T23:00:00/bo2/pa10

7048. Mr. Meissner Works the ARRL 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 01:58:47 UTC
From: Bill Stewart
Topic: 7048 Message: 7048

GE all,

Just finished plunking around a few hrs on 160 with the 'lil 4 watt (input) 1924 four coil Meissner and here are the results:

NO3M (PA), K3MD (EPA), N3RR (MDC), W4NF (VA), N9OM (NFL), N4AK (TN),

K3OO (EPA), N4IR (TN), K8MFO (OH), and a few other misc QRZs. I received all

RST599 reports (I wish they were true) and no mention of my T7 note.

The antenna is a full sized 160m windom up 30-35 feet. Looking forward to the next two weekends.

Hope you guys up north got your bevg's aimed down this way.

73 de Bill K4JYS (599NC)

7049. Re: [AWA Group] 160m BK Ops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 02:05:50 UTC
From: Larry Szendrei
Topic: 7034 Message: 7049

On 11/30/12 1:42 PM, ve7sl@... wrote:
> Out here I often can hear east coasters on 160 before sunset and
> continue to
>
> hear them all evening until they start to hear me. It seems there is a
> lot
> of weirdness associated with this one-way prop...something to do with
> ionospheric-tilting during sunset and early evening...so the later the
> better for me. Having said that, guys back east will probably find
> they are
> easily able to work each other long before there is any chance of working
> back west or even to the central states and the large MN gang. Whatever
> times are suggested, I will be there. There is also a huge peak of east
> coast signals back here just at your sunrise so maybe an early-morning
> 160
> window might work as a back up.
>
My plan for the 1st weekend is to start out on 40M at 1800 EST (i.e., the beginning) and see who I can contact, and when that effort no longer is productive I'll move up to 80M. I'll be there until I get tired; if I get beyond 2200 EST I'll be pleasantly surprised with myself! Sunday morning I'll probably get on around 6:30 or 7:00 EST, again starting with 80M and when the pickins get slim to nil I'll move back up to 40M until say around 1500 EST or so, when I'll go back to 80M. Yes, I'll take some breaks in there!

The following weekend I'll probably start out on 80M when the contest begins, and maybe try 160M around 2100 EST, unless someone suggests a different meeting time (if it's too late I may not make it). Then when I get up on Sunday morning I'll start out on 160M and see if I can catch anyone there before moving to 80M.

I'll say explicitly I plan on working exclusively 40M and 80M the 1st weekend, and exclusively 160M and 80M the 2nd weekend. That way I can change my TNT coils once, between weekends, and my Hartley will stay on 80M at all times (well, i it doesn't drift out of band ;-))

73,
-Larry/NE1S

7050. Re: [AWA Group] 160m BK Ops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 03:05:26 UTC
From: whitebear1122@comcast.net
Topic: 7034 Message: 7050

I wound a prototype coil tonight for 160m and tried it out. I'm getting about 6 watts output with a rock stable signal. Gads I wish my 40m signal was as stable :) Tomorrow I need to wind a new 40m coil and modify my 80m coil. Like Larry NE1S I plan to work 40m and 80m exclusively on the first weekend. I would be a crazy man to take the Colpitts out for a spin on 160m Saturday night :)

I am not expecting great things from my antenna. I put it up last month, a 200' inverted vee, 100' each leg, so it's 60' longer than 80m, and 60' shorter than a 1/4 on 160m, but it is fed with 450 ohm ladder line. Tonight I was able to sucessfully tune it and the Colpitts using the Heathkit SA-2060A. It's low to the ground so it'll be a cloud burner so I doubt if I will heard much beyond the mid-west. See you guys tomorrow night.

Just out of curiousity, is anyone planning on running a regen receiver for any part of the QSO Party?

73, Scott WA9WFA

7051. Re: [AWA Group] 160m BK Ops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 06:41:30 UTC
From: ve7sl@shaw.ca
Topic: 7034 Message: 7051

> My plan for the 1st weekend is to start out on 40M at 1800 EST (i.e.,
> the beginning) and see who I can contact, and when that effort no longer
> is productive I'll move up to 80M. I'll be there until I get tired; if I
> get beyond 2200 EST I'll be pleasantly surprised with myself! Sunday
> morning I'll probably get on around 6:30 or 7:00 EST, again starting
> with 80M and when the pickins get slim to nil I'll move back up to 40M
> until say around 1500 EST or so, when I'll go back to 80M. Yes, I'll
> take some breaks in there!

As usual I will start on 40m as well but unfortunately, the earliest I have been able to work back east in previous BK's is around 0000 GMT or 1900 EST. This is still 30 minutes before my sunset. I have been able to work some of the midwest MN boys right at the contest start on 40m, but not the east coast....so, if you guys out east will hang around as late as you can on 40 before going to 80, you may be rewarded with an early Transcon QSO. The other best times for 40m out here are at the east coast sunrise or shortly after, so look for me then as well on weekend #1. East coast sunrise will be reserved on weekend #2 for 160m.

I will not even be looking at the old digital-filled mess in the old watering hole as the higher segment above 7100 kc proved so much better last year ....I'll hang around 7110 or so with lots of CQs. 40m was in nice shape last night in the early evening so keep your fingers crossed for these continued good conditions.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7052. Re: [AWA Group] Mr. Meissner Works the ARRL 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 12:41:04 UTC
From: N1BUG
Topic: 7048 Message: 7052

Congrats on your success Bill! I'm planning to work you on all three bands over the next two weekends. I'll be constantly alternating between listening your way and west.

I thought about trying a few ARRL 160 last night with the TNT, but all that "swishing" around key down to land on frequency bothers me. I'm not very adept at it (yet?). I would get on 160 once in a while to make the guys in Europe wonder "what the heck!?" were it not for the same concern. Of course, I was strongly advised to put a separate fine tuning control on the thing, but being such a purist (not always a good thing) I didn't. I would still have to go key down and "swish" on frequency, but the hope would be to land on it a bit more quickly. ;-)

Way off topic, I listened on 160 last night with a shirt pocket size receiver and homebrew 18 inch diameter DF loop I had brewed up earlier in the day. I was blown away by how many stations I could hear! Amazing!

73,
Paul N1BUG

On 11/30/2012 08:58 PM, Bill Stewart wrote:

GE all,

Just finished plunking around a few hrs on 160 with the 'lil 4 watt (input) 1924 four coil Meissner and here are the results:

NO3M (PA), K3MD (EPA), N3RR (MDC), W4NF (VA), N9OM (NFL), N4AK (TN),

K3OO (EPA), N4IR (TN), K8MFO (OH), and a few other misc QRZs. I received all

RST599 reports (I wish they were true) and no mention of my T7 note.

The antenna is a full sized 160m windom up 30-35 feet. Looking forward to the next two weekends.

Hope you guys up north got your bevg's aimed down this way.

73 de Bill K4JYS (599NC)

7053. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 12:46:20 UTC
From: N1BUG
Topic: 1178 Message: 7053

Hi Jim,

Nice looking setup! I hope to work you during the event! Unlike some of us, you've got it all together... literally! My receiver will be directly behind my back when I'm facing the transmitter. Unless I decide to unplug those umpteen dozen cables from it and temporarily move it to the desk that holds the '29 stuff. Hmm. Nah. Just getting at the back of it is a challenge. Good luck and most importantly, have fun!

73,
Paul N1BUG

On 11/30/2012 06:46 PM, Jim Robson wrote:

Gentlemen, one other Canadian will be about: VE3BHK courtesy of my friend VE3AWA with Lou's 29 TNT. Attached is a photo. BHK will be QRO at 2W input on a 201A, 80m metre dipole, ladderline fed, rx is a Kenwood TS830. 3BHK will also be QRS es QSD. I expect many DX QSO's with Europe; I would be grateful if you guys could leave 3550 open. 73, Jim.

7054. Re: [AWA Group] Mr. Meissner Works the ARRL 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 13:11:14 UTC
From: Bill Stewart
Topic: 7048 Message: 7054

Morning Paul,

Well, it was a hoot and a lot of work QSYing...hi. The Meissner needs to have the variables pretty close to a sweet spot or it really sounds ruff and the pwr goes down. I had to do some swishing too but didn't figure that approx 1.5 watts or so to a 30 ft high windom would cause much QRM, esp. with the ambient QRM level so high. I'm using a C-301A tube at 200vdc & around 20ma. A vernier would help in my case too. I hope to be able to make it up north later after the dust has settled. That shirt pocket rcvr...is it a homebrew '20s style (big shirt pockets?)

73, Bill K4JYS

----- Original Message -----

Congrats on y our success Bill! I'm planning to work you on all three bands over the next two weekends. I'll be constantly alternating between listening your way and west.

I tho ught about trying a few ARRL 160 last night with the TNT , but all that "swishing" around key down to land on frequency bothers me. I'm not very adept at it (yet?). I would get on 160 on ce in a while to make the guys in Europe wonder "what the he ck!?" were it not for the same concern. Of cour se, I was strongly advised to put a separate fine tuning control on the thing, but being such a purist (not always a good thing) I didn't. I would still have to go key down and "swi sh" on frequency, but the hope would be to land on it a bit more quickly. ;-)

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73,
Paul N1BUG

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NO3M (PA), K3MD (EPA), N3RR (MDC), W4NF (VA), N9OM (NFL), N4AK (TN),

K3OO (EPA), N4IR (TN), K8MFO (OH), and a few other misc QRZs. I received all

RST599 reports (I wish they were true) and no mention of my T7 note.

The antenna is a full sized 160m windom up 30-35 feet. Looking forward to the next two weekends.

Hope you guys up north got your bevg's aimed down this way.

73 de Bill K4JYS (599NC)

7055. Re: [AWA Group] 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 13:49:32 UTC
From: Eddy Swynar
Topic: 1178 Message: 7055

On 2012-11-30, at 6:46 PM, Jim Robson wrote:

> Gentlemen, one other Canadian will be about: VE3BHK courtesy of my friend VE3AWA with Lou's 29 TNT. Attached is a photo. BHK will be QRO at 2W input on a 201A, 80m metre dipole, ladderline fed, rx is a Kenwood TS830. 3BHK will also be QRS es QSD. I expect many DX QSO's with Europe; I would be grateful if you guys could leave 3550 open. 73, Jim.
>
>

Hi Jim,

That's good news---the more "VE" types, the better!

Hope to work you...

~73!~ de Eddy VE3CUI - VE3XZ

7056. Re: [AWA Group] 1929 qso party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 13:59:24 UTC
From: whitebear1122@comcast.net
Topic: 7034 Message: 7056

Good luck Barry! Hopefully conditions will be good for more than 5 QSO's. There are alot of 29'ers up in your corner of the country so you'll likely be 'rare dx' to all of us and have to work a pile up :) My first 29 QSO Party scored 14 contacts I think and that was thrilling! 73, Scott WA9WFA

----- Original Message -----
From: "barry whittemore" <wb1edi@...>
To: "awa" <awagroup@yahoogroups.com>
Sent: Friday, November 30, 2012 3:44:57 PM
Subject: RE: [AWA Group] 1929 qso party

I will be slow, using my 1920s Navy flameproof key. I figured it was a good fit with the theme. Ill be happy with 5 QSOs I have already had fun building up my Hartley and it can only get better if i can actually make a few contacts with it.
Ive made thousands with my K3 and Yaesus etc but i am looking forward to this.
73 and hope to hear you on.
Barry
NF1O

7057. VE3BHK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 14:03:47 UTC
From: whitebear1122@comcast.net
Topic: 1178 Message: 7057

Thanks Jim for the info. Glad to hear another Canadian station in the event. I'll be listening closely for VE3BHK (you) this weekend!

----- Original Message -----
From: "Jim Robson" <nc101x@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, November 30, 2012 5:46:49 PM
Subject: Re: [AWA Group] 1929 QSO Party

Gentlemen, one other Canadian will be about: VE3BHK courtesy of my friend VE3AWA with Lou's 29 TNT. Attached is a photo. BHK will be QRO at 2W input on a 201A, 80m metre dipole, ladderline fed, rx is a Kenwood TS830. 3BHK will also be QRS es QSD. I expect many DX QSO's with Europe; I would be grateful if you guys could leave 3550 open. 73, Jim.

7058. Re: [AWA Group] 160m BK Ops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 14:06:43 UTC
From: whitebear1122@comcast.net
Topic: 7034 Message: 7058

Hope to hear and work you this year Larry on 80 and 40m. Maine is a long haul for me and signals are often terribly weak by the time they get to me, and vise-verse I'm sure. 73, Scott WA9WFA

----- Original Message -----
From: "Larry Szendrei" <ne1s@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, November 30, 2012 8:05:50 PM
Subject: Re: [AWA Group] 160m BK Ops

My plan for the 1st weekend is to start out on 40M at 1800 EST (i.e., the beginning) and see who I can contact, and when that effort no longer is productive I'll move up to 80M. I'll be there until I get tired; if I get beyond 2200 EST I'll be pleasantly surprised with myself! Sunday morning I'll probably get on around 6:30 or 7:00 EST, again starting with 80M and when the pickins get slim to nil I'll move back up to 40M until say around 1500 EST or so, when I'll go back to 80M. Yes, I'll take some breaks in there!

The following weekend I'll probably start out on 80M when the contest begins, and maybe try 160M around 2100 EST, unless someone suggests a different meeting time (if it's too late I may not make it). Then when I get up on Sunday morning I'll start out on 160M and see if I can catch anyone there before moving to 80M.

I'll say explicitly I plan on working exclusively 40M and 80M the 1st weekend, and exclusively 160M and 80M the 2nd weekend. That way I can change my TNT coils once, between weekends, and my Hartley will stay on 80M at all times (well, i it doesn't drift out of band ;-))

73,
-Larry/NE1S

7059. Re: [AWA Group] Mr. Meissner Works the ARRL 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 14:10:41 UTC
From: N1BUG
Topic: 7048 Message: 7059

That shirt pocket rcvr...is it a homebrew '20s style (big shirt pockets?)

Heh! That gives me a great idea for a cartoon!

But I'm afraid not. More like 2012 style - one of the tools I use in RFI work. Modern technology amazes me. The tiny thing receives 50 kHz to 1300 MHz (except some cell blocked ranges), all modes!

73,
Paul

7060. Ready!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 19:01:47 UTC
From: N1BUG
Topic: 7060 Message: 7060
Attachments: 1 described; binary payloads are missing from this source WARC

With apologies for placing such an ugly modern monstrosity so close to '29 elegance... and hoping the punishment for said crime isn't too severe... this is the setup for tonight. In the final hours I was completely overcome with excitement and anticipation... and decided... despite the fact ZL9HR, DXpedition to one of the very few DXCC entities I still need for an all time new one has just fired up... to disable my modern station in order to move the only receiver I have onto the same operating desk as the '29 rig. And yes... I solved the problem of what to do with that pesky key. I am ready! (Ha! As I was typing just now I heard someone sending "test" with an unmistakably '29 rig on or about 7107 kHz!)

Have fun everyone!

Paul N1BUG

7061. Re: [AWA Group] Ready!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 19:13:55 UTC
From: N1BUG
Topic: 7060 Message: 7061

On 12/01/2012 02:01 PM, N1BUG wrote:

(Ha! As I was typing just now I heard someone sending "test" with an unmistakably '29 rig on or about 7107 kHz!)

Scratch that! There are at least five '29 stations tuning and testing on 40 meters right now. Uh, forgot to include myself... make that six. I guess we are all ready!

Paul

7062. Re: [AWA Group] Ready!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 19:17:11 UTC
From: ve7sl@shaw.ca
Topic: 7060 Message: 7062

Perfect Paul and tnx for the heads-up on the ZL9 guys...lets hope they have bad enough wx to be forced to overnight on the island a few times...our only hope for 160.

Is that an FT-2000 by chance?

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7063. RCA Receiver (Another One!)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 19:24:04 UTC
From: Eddy Swynar
Topic: 7063 Message: 7063

Hi Guys,

Yet another AR-88 (sort of) from The Ontario Swap Shop:

Larry VE2DO [(514) 695-3528] in Montreal QC has listed the following:

For Sale (last updated 11-29-2012, listed 11-29-2012)
Manufacturer: RCA
Model: CR 91
Price: $225.00
I HAVE FOR SALE AN RCA CR 91 GENERAL COVERAGE RECEIVER , FULLY TESTED AND ALIGNED. SIMILAR TO THE AR 88LF . PICK UP ONLY IN MONTREAL (WEST ISLAND)DUE TO WEIGHT CONSIDERATIONS.

A far cry CHEAPER than that $1K version that was (still is...?) on ePay!

~73~ de Eddy VE3CUI - VE3XZ

7064. Re: [AWA Group] Ready!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 19:25:06 UTC
From: N1BUG
Topic: 7060 Message: 7064

Yes, Steve, that is an FT-2000. Or FT-2Krap as I like to call it.
The rig that ended my serious contesting days... at least for now. :-)

I was listening to ZL9 on 15 CW just prior to pulling the rig, but
they were very weak here. I do hope weather forces them to overnight
on the island a few times. I would love to get that one on 160. But
meanwhile, will happily work them on any band I can!

73,
Paul

On 12/01/2012 02:17 PM, ve7sl@... wrote:
> Perfect Paul and tnx for the heads-up on the ZL9 guys...lets hope they have
> bad enough wx to be forced to overnight on the island a few times...our only
> hope for 160.
>
> Is that an FT-2000 by chance?
>
> Steve

7065. 1929 QSO Party Operating Strategy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-01 19:42:33 UTC
From: Eddy Swynar
Topic: 7065 Message: 7065

Hi Guys,

I think I'll stick to the ol' "tried & true" formula here again this year: I'll kick-off the action on 80-meters, then switch to 40-meters to-morrow morning...

Next week, with 160-meters thrown into the mix, anything goes! Hi Hi

I've filled a few log sheets in the ARRL 160-meter Contest here so far, & worked a half dozen DX stations...it's been kinda fun just handing out our new "GTA" multiplier. I am not doing anything serious here re. the contest, because I can't submit any logs to any of the sponsors anyway since we acquired this iMac Apple ("Thanks a LOT Steve Jobs, wherever you are...!"). But Santa has promised a new (used?) lap top, replete with an older version of "Windows" that'll run my favourite "SD" logging programme here...

Still gotta set-up the MOPA next to my receiver, & that's about it...I'll probably run tests on 80-meters shortly after that, well before the start of the BK affair.

~73~ de Eddy VE3CUI - VE3XZ

7066. BK Winds

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 01:41:04 UTC
From: ve7sl@shaw.ca
Topic: 7034 Message: 7066

Right on schedule my usual howler has started up right in sync with the QSO party start...my signal dancing around a lot. I have the vertical pulled as tight as a banjo wire but still sound rotten. Be prepared for some nasty-sounding stuff from the west coast and keep one hand on that dial :-))

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7067. 29 BK DX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 04:16:31 UTC
From: whitebear1122@comcast.net
Topic: 7067 Message: 7067

It was great working all you west coast and east coast DX stations including Lou VA3AWA, Steve VE7SL, Paul N1BUG, Larry NE1S ! Wow those are long haul contacts! Kudo's to Lou for the raw AC signal, sounding fabulous in Minnesota. Clearly the most unique signal in the 29 event ! I remember when Bob Raide W2ZM would get bored late into the wee hours and he would alternate between RAW AC and DC in the middle of a word. Each character would be alternating between RAC and DC. hi hi It was pretty hilarious to hear.

I'd be curious to get feedback on my 80m and 40m signal quality from you guys. On the shack receiver my tx always sounds like sh*t so I'm hoping it sounds better at your end.

Thank goodness that I planned ahead and wired up the MFJ noise reducer. Some nasty line noise popped up from time to time, and the noise reducer whacked it right out and I could hear again. If you guys ever suffer from line noise, that noise reducer is a godsend.

I worked Paul on 40m, first QSO by the way, and again on 80m.

73, Scott 9WFA with the push-pull 210 Colpitts on 40m and 80m

7068. Re: [AWA Group] BK Winds

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 05:05:16 UTC
From: N1BUG
Topic: 7034 Message: 7068

On a midnight food break here...

Steve, you sounded just fine here on both bands. Nice and stable.
Great to work both western Steve's on 40 *and* 80! You guys really
get it done!

73,
Paul

On 12/01/2012 08:41 PM, ve7sl@... wrote:
> Right on schedule my usual howler has started up right in sync with the QSO
> party start...my signal dancing around a lot. I have the vertical pulled as
> tight as a banjo wire but still sound rotten. Be prepared for some
> nasty-sounding stuff from the west coast and keep one hand on that dial :-))
>
> Steve
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7069. break QSO

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 05:08:18 UTC
From: Louis Vermond
Topic: 7069 Message: 7069

Midnite peanut butter & jelley samich...

A non-AWAer call me for chat. His Party appropriate call suffix gave me an idea....

Damn! , it's taken..... VE3RAW

Back into the breach....

Lou

7070. Re: [AWA Group] 29 BK DX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 05:08:28 UTC
From: N1BUG
Topic: 7067 Message: 7070

Scott,

Thanks for the QSOs. You were just hammering in here on both bands, but especially on 80. The 599 I gave you was an honest report! You have just a bit of frequency "warble" on your signal. Not AC, just a slow shifting back and forth a bit, maybe a couple times a second. I like it!

I have the MFJ-1026 here and it can be helpful. I need to put up more noise sense antennas though, as it can be picky at times.

My food is ready... gotta get to it and then back on the air!

73,
Paul

On 12/01/2012 11:16 PM, whitebear1122@... wrote:

It was great working all you west coast and east coast DX stations including Lou VA3AWA, Steve VE7SL, Paul N1BUG, Larry NE1S ! Wow those are long haul contacts! Kudo's to Lou for the raw AC signal, sounding fabulous in Minnesota. Clearly the most unique signal in the 29 event ! I remember when Bob Raide W2ZM would get bored late into the wee hours and he would alternate between RAW AC and DC in the middle of a word. Each character would be alternating between RAC and DC. hi hi It was pretty hilarious to hear.

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I worked Paul on 40m, first QSO by the way, and again on 80m.

73, Scott 9WFA with the push-pull 210 Colpitts on 40m and 80m

7071. Re: [AWA Group] BK Winds

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 05:10:56 UTC
From: ve7sl@shaw.ca
Topic: 7034 Message: 7071

Paul - you have a very robust signal back here...especially on 40m...wow!

> On a midnight food break here...
>
> Steve, you sounded just fine here on both bands. Nice and stable.
> Great to work both western Steve's on 40 *and* 80! You guys really
> get it done!
>
> 73,
> Paul
>
>
> On 12/01/2012 08:41 PM, ve7sl@... wrote:
>> Right on schedule my usual howler has started up right in sync with the
>> QSO
>> party start...my signal dancing around a lot. I have the vertical pulled
>> as
>> tight as a banjo wire but still sound rotten. Be prepared for some
>> nasty-sounding stuff from the west coast and keep one hand on that dial
>> :-))
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>> Steve
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>> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
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> Yahoo! Groups Links
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WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7072. Re: [AWA Group] break QSO

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 05:11:48 UTC
From: ve7sl@shaw.ca
Topic: 7069 Message: 7072

Lots of lightning crash QRN here from off the OR/WA coast.

Midnite peanut butter & jelley samich...

A non-AWAer call me for chat. His Party appropriate call suffix gave me an idea....

Damn! , it's taken..... VE3RAW

Back into the breach....

Lou

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7073. Re: [AWA Group] break QSO

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 05:14:55 UTC
From: Louis Vermond
Topic: 7069 Message: 7073

is YS on 80 now? 0514Z
----- Original Message -----
From: ve7sl@shaw.ca
To: AWAGroup@yahoogroups.com
Sent: 2012-12-02 12:11 AM
Subject: Re: [AWA Group] break QSO

Lots of lightning crash QRN here from off the OR/WA coast.

Midnite peanut butter & jelley samich...

A non-AWAer call me for chat. His Party appropriate call suffix gave me an idea....

Damn! , it's taken..... VE3RAW

Back into the breach....

Lou

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

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Yahoo! Groups Links

7074. Re: [AWA Group] BK Winds

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 05:25:33 UTC
From: N1BUG
Topic: 7034 Message: 7074

Steve/SL... You haven't heard robust until you've heard your 0522Z
signal here! You are honest-to-gosh 598 (OK so you have a bit of
buzz now that wasn't there earlier) BUT YOU ARE LOUD!

On 40m it took me s minute to realize who you were and that I needed
to switch to the NORTHWEST antenna :) That helped.... a lot.

Paul

On 12/02/2012 12:10 AM, ve7sl@... wrote:
> Paul - you have a very robust signal back here...especially on 40m...wow!
>
>
>> On a midnight food break here...
>>
>> Steve, you sounded just fine here on both bands. Nice and stable.
>> Great to work both western Steve's on 40 *and* 80! You guys really
>> get it done!
>>
>> 73,
>> Paul
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>> On 12/01/2012 08:41 PM, ve7sl@... wrote:
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>> Yahoo! Groups Links
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> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
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7075. Re: [AWA Group] BK Winds

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 05:47:46 UTC
From: N1BUG
Topic: 7034 Message: 7075

Thanks for the nice report and chat Steve! Amazing. I wish I had the means to record your signal now. You would not believe it! Unfortunately, that capability went away when I yanked the FT-2000 from its normal home in the shack..... :-(

GL
Paul

On 12/02/2012 12:25 AM, N1BUG wrote:
> Steve/SL... You haven't heard robust until you've heard your 0522Z
> signal here! You are honest-to-gosh 598 (OK so you have a bit of
> buzz now that wasn't there earlier) BUT YOU ARE LOUD!
>
> On 40m it took me s minute to realize who you were and that I needed
> to switch to the NORTHWEST antenna :) That helped.... a lot.
>
> Paul

7076. Re: [AWA Group] break QSO

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 05:59:50 UTC
From: ve7sl@shaw.ca
Topic: 7069 Message: 7076

I haven't hrd him in several hours but that may just be because we are too close...band is long and you are a solid 579...going to bed now so I can get up for your east coast sunrise.

is YS on 80 now? 0514Z
----- Original Message -----
From: ve7sl@...
To: AWAGroup@yahoogroups.com
Sent: 2012-12-02 12:11 AM
Subject: Re: [AWA Group] break QSO

Lots of lightning crash QRN here from off the OR/WA coast.

Midnite peanut butter & jelley samich...

A non-AWAer call me for chat. His Party appropriate call suffix gave me an idea....

Damn! , it's taken..... VE3RAW

Back into the breach....

Lou

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

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Yahoo! Groups Links

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7077. Re: [AWA Group] BK Winds

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 06:02:39 UTC
From: ve7sl@shaw.ca
Topic: 7034 Message: 7077

FB Paul...it is amazing how loud these contraptions can get at times! I think the buzz on my signal is because I have DC on the filament...I just see a note in last year's log that said I got rid of the buzz by going to AC on the filaments! ...now that's a new one. I'm staying with the buzz for now...hitting the sack so I can check the band at your sunrise.

Great signal and by far the loudest from back east.

Steve

> Steve/SL... You haven't heard robust until you've heard your 0522Z
> signal here! You are honest-to-gosh 598 (OK so you have a bit of
> buzz now that wasn't there earlier) BUT YOU ARE LOUD!
>
> On 40m it took me s minute to realize who you were and that I needed
> to switch to the NORTHWEST antenna :) That helped.... a lot.
>
> Paul
>
>
> On 12/02/2012 12:10 AM, ve7sl@... wrote:
>> Paul - you have a very robust signal back here...especially on 40m...wow!
>>
>>
>>> On a midnight food break here...
>>>
>>> Steve, you sounded just fine here on both bands. Nice and stable.
>>> Great to work both western Steve's on 40 *and* 80! You guys really
>>> get it done!
>>>
>>> 73,
>>> Paul
>>>
>>>
>>> On 12/01/2012 08:41 PM, ve7sl@... wrote:
>>>> Right on schedule my usual howler has started up right in sync with the
>>>> QSO
>>>> party start...my signal dancing around a lot. I have the vertical
>>>> pulled
>>>> as
>>>> tight as a banjo wire but still sound rotten. Be prepared for some
>>>> nasty-sounding stuff from the west coast and keep one hand on that dial
>>>> :-))
>>>>
>>>> Steve
>>>>

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WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7078. Early morning panic!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 12:44:58 UTC
From: N1BUG
Topic: 7078 Message: 7078

There having been no activity in the wee hours, I slept for a few. Upon returning to the rig, I found plate current and RF output down considerably. Oh no! Had something happened to my UX-210? More alarming, it seemed to be getting worse by the minute. I stepped outside to see if the antenna was up. Yes... but coated with ice, as was everything else! Temperate: 28 degrees. Weather: moderate to heavy rain! Upon QSY to 40 meters just now, it's quite the opposite: more than usual plate current and RF current drastically higher than usual. I've re-tuned to "legal limit" and will commence making wobbly noises soon.

Paul

7079. BK WOW!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 12:59:54 UTC
From: Don
Topic: 7079 Message: 7079

I was working on a new PS downstairs and turned on the rx . What a lot of activity! When I finished with the power supply I switched on the noncomforming 52/47 cw transciever and ventured out into the traffic. Felt like a nineey year old man crossing a busy street in TO!. Called around a bit, no joy, but sure was fun to listen to. Today I will put the 45 TNT on. Just got to give it some power.(same PS as 52/47 set)
Don VE3LYX

7080. The BIG Event...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 14:12:08 UTC
From: Eddy Swynar
Topic: 7080 Message: 7080

Hi Guys,

Wow...!

Signals sure are STRONG this year, and on BOTH 80- and 40-meters...! It was pure joy to work into BC on both bands yet again---thanks, Steve (BTW, I just LOVE the sound of your rig's note on 80---almost musical & pleasing to the ear). I also snagged Paul (N1BUG) on two bands, as well as several others, too...

Paul, you must really have good "ears" there: last night when you were working Steve at around 8:45 PM EST, he was barely at the ESP level---yet you copied him just fine. Great!

I made 23 QSOs so far---retired rather early last night, but made up for it by rising early.

How does my MOPA sound to you guys...? I haven't used it in years, & did a bit of re-hab work on it a coupla weeks ago. One interesting observation: the keyed note was AWFUL when I fired it up on 40! I cleaned the oscillatror coil pins, & the pins of the 227 oscillator tube---but I received no joy until I removed one of the two 227 final PA tubes! The signal cleaned right up then, for some reason...

The temperature is 45F here, & raining---quite a difference from the WX in Maine, that's for sure!

Scott, maybe I'll hear you on 40 in the afternoon---as it stands now, almost TWENTY-FIVE PER CENT of my QSOs are with the State of Minnesota! (what the heck do they put in that water, anyway...?! Hi Hi).

~73~ de Eddy VE3CUI - VE3XZ

PS: As proof that my signal was, indeed, getting out, here's a list of the "skims" taken of me on the bands:

```
show/hide my last filters
rows to show: showing spots for DX call: VE3XZ
search spot by callsign
de dx freq cq/dx snr speed time
WZ7I VE3XZ 7103.1 CW CQ 25 dB 14 wpm 1349z 02 Dec
K3MM VE3XZ 7103.1 CW CQ 17 dB 14 wpm 1349z 02 Dec
K1TTT VE3XZ 7115.1 CW CQ 33 dB 18 wpm 1333z 02 Dec
WZ7I VE3XZ 7115.1 CW CQ 26 dB 18 wpm 1333z 02 Dec
K3MM VE3XZ 7114.7 CW CQ 18 dB 12 wpm 1322z 02 Dec
K1TTT VE3XZ 7114.8 CW CQ 31 dB 12 wpm 1322z 02 Dec
WZ7I VE3XZ 7114.7 CW CQ 24 dB 12 wpm 1322z 02 Dec
W4KKN VE3XZ 3567.1 CW CQ 14 dB 13 wpm 1222z 02 Dec
NY3A VE3XZ 3567.1 CW CQ 12 dB 12 wpm 1221z 02 Dec
W4KKN VE3XZ 3565.3 CW CQ 15 dB 13 wpm 1217z 02 Dec
```

```
WZ7I VE3XZ 3565.3 CW CQ 11 dB 13 wpm 1211z 02 Dec
NY3A VE3XZ 3561.4 CW CQ 11 dB 12 wpm 1148z 02 Dec
WZ7I VE3XZ 3561.4 CW CQ 11 dB 12 wpm 1148z 02 Dec
K1TTT VE3XZ 3563.3 CW CQ 10 dB 13 wpm 1117z 02 Dec
W3LPL VE3XZ 3563.4 CW CQ 19 dB 13 wpm 1116z 02 Dec
WZ7I VE3XZ 3563.4 CW CQ 14 dB 13 wpm 1114z 02 Dec
NY3A VE3XZ 3563.4 CW CQ 14 dB 12 wpm 1114z 02 Dec
NY3A VE3XZ 3563.6 CW CQ 17 dB 13 wpm 1103z 02 Dec
K1TTT VE3XZ 3563.7 CW CQ 10 dB 12 wpm 1102z 02 Dec
WZ7I VE3XZ 3563.9 CW CQ 15 dB 12 wpm 1059z 02 Dec
W4KKN VE3XZ 3563.9 CW CQ 16 dB 12 wpm 1059z 02 Dec
K1TTT VE3XZ 3563.6 CW CQ 11 dB 13 wpm 0149z 02 Dec
W4KKN VE3XZ 3563.6 CW CQ 19 dB 13 wpm 0149z 02 Dec
NY3A VE3XZ 3563.8 CW CQ 15 dB 17 wpm 0146z 02 Dec
K1TTT VE3XZ 3563.9 CW CQ 12 dB 16 wpm 0132z 02 Dec
NY3A VE3XZ 3563.8 CW CQ 12 dB 18 wpm 0124z 02 Dec
K1TTT VE3XZ 3563.8 CW CQ 12 dB 19 wpm 0117z 02 Dec
K3MM VE3XZ 3563.8 CW CQ 13 dB 20 wpm 0117z 02 Dec
W3LPL VE3XZ 3563.8 CW CQ 17 dB 19 wpm 0117z 02 Dec
W8WTS VE3XZ 3563.8 CW CQ 8 dB 19 wpm 0111z 02 Dec
NY3A VE3XZ 3563.8 CW CQ 14 dB 19 wpm 0111z 02 Dec
WZ7I VE3XZ 3563.6 CW CQ 14 dB 13 wpm 0106z 02 Dec
K1TTT VE3XZ 3563.7 CW CQ 14 dB 13 wpm 0103z 02 Dec
NY3A VE3XZ 3565.7 CW CQ 13 dB 12 wpm 0022z 02 Dec
K3MM VE3XZ 3569.0 CW CQ 7 dB 15 wpm 0005z 02 Dec
K1TTT VE3XZ 3569.0 CW CQ 10 dB 15 wpm 0005z 02 Dec
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7081. Re: [AWA Group] 1929 QSO Party Operating Strategy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 15:36:03 UTC
From: Larry Szendrei
Topic: 7065 Message: 7081

On 12/1/12 2:42 PM, Eddy Swynar wrote:
>
> I've filled a few log sheets in the ARRL 160-meter Contest here so
> far, & worked a half dozen DX stations...it's been kinda fun just
> handing out our new "GTA" multiplier. I am not doing anything serious
> here re. the contest, because I can't submit any logs to any of the
> sponsors anyway since we acquired this /iMac Apple/("/Thanks a LOT
> Steve Jobs, wherever you are...!/"). But Santa has promised a new
> (used?) lap top, replete with an older version of "/Windows/" that'll
> run my favourite "/SD/" logging programme here...
>
>
Eddy, just a suggestion if you haven't tried it. If your iMac is
anywhere near recent-vintage with an Intel processor, you can download
"Virtual Box for free, and install a virtual WIndows machine. I did it
for one of my kids (installed XP) and it works FB for those occasions
where you want to run a Windows program.

I run an iMac here, but I also have a separate WIndows box running XP.

73,
-Larry/NE1S

7082. Re: [AWA Group] 29 BK DX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 15:44:50 UTC
From: Larry Szendrei
Topic: 7067 Message: 7082

On 12/1/12 11:16 PM, whitebear1122@... wrote:
> It was great working all you west coast and east coast DX stations
> including Lou VA3AWA, Steve VE7SL, Paul N1BUG, Larry NE1S ! Wow those
> are long haul contacts! Kudo's to Lou for the raw AC signal, sounding
> fabulous in Minnesota.
Hi Scott,

Great working you on 80M last night, too! Also Lou and Paul on 80M, and Paul and Steve on 40M. Lou's signal's instability seemed to be bistable (such as the word may or may not apply ;-)) - sometimes it was almost T9, and then it would switch to where it sounded very much like a kazoo - I am quite partial to the kazoo mode, myself!

I managed to styl up to 2230 local last night - Scott, you were my final QSO for the evening - but overslept and missed any 80M activity this morning, so ended up on 40M. Taking a bit of a break now. Will be back on 40M later and 80M after that until it's over for this weekend.

73,
-Larry/NE1S

7083. Re: [AWA Group] BK Winds

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 15:49:22 UTC
From: Larry Szendrei
Topic: 7034 Message: 7083

On 12/2/12 12:05 AM, N1BUG wrote:
>
> On a midnight food break here...
>
> Steve, you sounded just fine here on both bands. Nice and stable.
> Great to work both western Steve's on 40 *and* 80! You guys really
> get it done!
>
> 73,
> Paul
>
BTW, heard KK7UV early yesterday evening on 40M with a FB signal - clean
and strong. Called him, but no joy.

73,
-Larry/NE1S

7084. Re: [AWA Group] The BIG Event...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 15:58:21 UTC
From: Larry Szendrei
Topic: 7080 Message: 7084

On 12/2/12 9:12 AM, Eddy Swynar wrote:
> How does my MOPA sound to you guys...? I haven't used it in years, &
> did a bit of re-hab work on it a coupla weeks ago. One interesting
> observation: the keyed note was /AWFUL/ when I fired it up on 40! I
> cleaned the oscillatror coil pins, & the pins of the 227 oscillator
> tube---but I received no joy until I removed one of the two 227 final
> PA tubes! The signal cleaned right up then, for some reason...
Eddy, your 40M signal this morning was the cleanest I've ever heard you
ever (you'll have to so something about that :-)) I don't recall hearing
any AC modulation, only a slight chirp, and not much, if any, noticeable
drift.

73,
-Larry/NE1S

7085. Re: [AWA Group] The BIG Event...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 16:01:05 UTC
From: N1BUG
Topic: 7080 Message: 7085

Hi Eddy,

Signals do seem very strong and steady. I even had a bit of a ragchew with VE7SL on 80 late last night (well, late for me, anyway). Amazing! It's probably just my imagination since this is my first time actually participating in the event, but is activity down from last year? There just don't seem to be as many 1929 signals around.

Your rig sounds FB! It has just enough chirp to make you truly distinctive - less than some, more than others. After hearing you several times I got to the point I could tune the band with my eyes closed, hear you send one character, and think "that's Eddy!", hi hi.

The skimmers sure like you! You are indeed getting a signal out.

It's 31 degrees, still raining, and major icing here now. Lights have been flickering, so if I disappear... Oh yes, and those sudden jumps in frequency on my 40 meter signal this morning... mostly due to the power fluctuations. One or two were the cat getting into or out of his chair in the shack. :-)

Thanks for the kind words regarding my "ears". I think you know what I'm using for receive antennas, so I won't bore everyone with the details again. I suppose I hear reasonably well, except when I don't! HI! I did have a couple of stations call me that I just could not pull out. Perhaps they were running very low power... I'm not sure.

73,
Paul N1BUG

On 12/02/2012 09:12 AM, Eddy Swynar wrote:

Hi Guys,

Wow...!

Signals sure are STRONG this year, and on BOTH 80- and 40-meters...! It was pure joy to work into BC on both bands yet again---thanks, Steve (BTW, I just LOVE the sound of your rig's note on 80---almost musical & pleasing to the ear). I also snagged Paul (N1BUG) on two bands, as well as several others, too...

Paul, you must really have good "ears" there: last night when you were working Steve at around 8:45 PM EST, he was barely at the ESP level---yet you copied him just fine. Great!

I made 23 QSOs so far---retired rather early last night, but made up for it by rising early.

How does my MOPA sound to you guys...? I haven't used it in years, & did a bit of re-hab work on it a coupla weeks ago. One interesting observation: the keyed note was AWFUL when I fired it up on 40! I cleaned the oscillatror coil pins, & the pins of the 227 oscillator tube---but I received no joy until I removed one of the two 227 final PA tubes! The signal cleaned right up then, for some reason...

The temperature is 45F here, & raining---quite a difference from the WX in Maine, that's for sure!

Scott, maybe I'll hear you on 40 in the afternoon---as it stands now, almost TWENTY-FIVE PER CENT of my QSOs are with the State of Minnesota! (what the heck do they put in that water, anyway...?! Hi Hi).

~73~ de Eddy VE3CUI - VE3XZ

7086. 1929 QSO Party...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 16:32:26 UTC
From: Eddy Swynar
Topic: 7086 Message: 7086

Hi Guys,

I just took a look at the rules of the ARRL 160-meter contest: IT'S OVER AT 1600Z TO-DAY!!!

In other words, no more wall-to-all QRM as of 30 minutes ago, from this writing.

Perhaps a few of the more daring might venture forth onto Topband to-night, in the closing hours of this weekend's edition of the BK affair...? I don't know that I will here, though: still a LOT of stuff to be worked on 80 after dark (and I DID hit the sackeroo rather early last night, too).

I now stand at 29 QSOs. I was hoping to fill a page when all's said & done this weekend---I may yet, who knows...?

Scott, it was nice working you on 40---and I agree with the comments made earlier re. Lou's signal: Lou, your note was VERY nice by times, but then it sounded like someone pounded the operating table with a ball pean hammer, or something, because it would go squirrely all of a sudden! Still, a distinctive addition to the mix, bar none...

~73~ de Eddy VE3CUI - VE3XZ

7087. Re: [AWA Group] 1929 QSO Party...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 16:43:32 UTC
From: N1BUG
Topic: 7086 Message: 7087

Hi again guys,

Yeah, ARRL 160 is a somehwhat unusual contest - 42 hours long. Since even for me there are only a couple hours of darkness before it ends tonight, I doubt I will venture forth to 160 meters unless I hear for sure that others will be there.

I had the feeling by the time I ventured from 40 down to 80 meters last evening, some stations had already gone to bed... or gone somewhere. Like you, I had a number in mind I would like to reach this first weekend, so I think I will stay on 40 until it gets dark, then spend the final couple of hours on 80. I'm hoping I can snag a few more QSOs. That is, assuming power stays on. Things are looking a little dicey at the moment. Lights are flickering almost constantly now, and all I can tell you about my frequency is that I am managing to stay somewhere within the confines of the 40 meter band! HI!

73,
Paul N1BUG

On 12/02/2012 11:32 AM, Eddy Swynar wrote:

Hi Guys,

I just took a look at the rules of the ARRL 160-meter contest: IT'S OVER AT 1600Z TO-DAY!!!

In other words, no more wall-to-all QRM as of 30 minutes ago, from this writing.

Perhaps a few of the more daring might venture forth onto Topband to-night, in the closing hours of this weekend's edition of the BK affair...? I don't know that I will here, though: still a LOT of stuff to be worked on 80 after dark (and I DID hit the sackeroo rather early last night, too).

I now stand at 29 QSOs. I was hoping to fill a page when all's said & done this weekend---I may yet, who knows...?

Scott, it was nice working you on 40---and I agree with the comments made earlier re. Lou's signal: Lou, your note was VERY nice by times, but then it sounded like someone pounded the operating table with a ball pean hammer, or something, because it would go squirrely all of a sudden! Still, a distinctive addition to the mix, bar none...

~73~ de Eddy VE3CUI - VE3XZ

7088. Headset cushions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 16:44:35 UTC
From: Roger Kuchera
Topic: 7088 Message: 7088

Gentlemen,
I hope everyone is having a good time in the BK test. Reading the emails, it seems so. Good luck.

I fell heir to a set of H-43/U, high Z, earphones yesterday. They were originally made for use with Geiger counters. Aside from the petrified rubber insulation, they work well with my FBXA receiver.

Now to my question: Where can I get a set of ear cushions fo them? Otherwise, they feel like medieval head compressors.

As alway, thank you for your time and effort.

CUL, Roger/K1TG

7089. Re: [AWA Group] 1929 QSO Party...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 16:57:12 UTC
From: Whitebear
Topic: 7086 Message: 7089

I think Lou was switching to raw AC on the plates to get that sweet buzz! Bob Raide used to do that. Lou's signal was the highlight of the night!! 73 Scott WA9WFA

Sent from my iPhone

On Dec 2, 2012, at 10:32 AM, Eddy Swynar <deswynar@...> wrote:

>
>
> Hi Guys,
>
> I just took a look at the rules of the ARRL 160-meter contest: IT'S OVER AT 1600Z TO-DAY!!!
>
> In other words, no more wall-to-all QRM as of 30 minutes ago, from this writing.
>
> Perhaps a few of the more daring might venture forth onto Topband to-night, in the closing hours of this weekend's edition of the BK affair...? I don't know that I will here, though: still a LOT of stuff to be worked on 80 after dark (and I DID hit the sackeroo rather early last night, too).
>
> I now stand at 29 QSOs. I was hoping to fill a page when all's said & done this weekend---I may yet, who knows...?
>
> Scott, it was nice working you on 40---and I agree with the comments made earlier re. Lou's signal: Lou, your note was VERY nice by times, but then it sounded like someone pounded the operating table with a ball pean hammer, or something, because it would go squirrely all of a sudden! Still, a distinctive addition to the mix, bar none...
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
>

7090. RE: [AWA Group] Headset cushions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 17:22:34 UTC
From: Steve Flood
Topic: 7088 Message: 7090

These supposedly will fit..

MX-41/AR Cushions (NSN 5965-01-331-8708)

http://www.wilfan.net/styled-2/

Good Luck,

Steve KK7UV

7091. Re: [AWA Group] Early morning panic!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 18:02:20 UTC
From: ve7sl@shaw.ca
Topic: 7078 Message: 7091

You had a great signal here again on 80m this morning Paul so whatever icing you have doesn't seem to effect your erp.

Steve

> There having been no activity in the wee hours, I slept for a few. Upon
> returning to the rig, I found plate current and RF output down
> considerably. Oh no! Had something happened to my UX-210? More alarming,
> it seemed to be getting worse by the minute. I stepped outside to see if
> the antenna was up. Yes... but coated with ice, as was everything else!
> Temperate: 28 degrees. Weather: moderate to heavy rain! Upon QSY to 40
> meters just now, it's quite the opposite: more than usual plate current
> and RF current drastically higher than usual. I've re-tuned to "legal
> limit" and will commence making wobbly noises soon.
>
> Paul
>
>
>
>
>

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7092. RE: [AWA Group] Early morning panic!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 13:42:25 UTC
From: barry whittemore
Topic: 7078 Message: 7092

I have been trying to call you. I heard you FB but the closest i came to stirring you was a QRZ? I guess i am not putting much into the antenna.
I heard several awa stations but alas, none heard me.
It was fun trying. I started to use my neophyte RX but switched to the 706 to have a good idea of TX freq.

Barry
NF1O

To: AWAGroup@yahoogroups.com
From: paul@...
Date: Sun, 2 Dec 2012 07:44:58 -0500
Subject: [AWA Group] Early morning panic!

There having been
no activity in the wee hours, I slept for a few. Upon returning to the rig, I found plate current and
RF output down considerably. Oh
no! Had something happened to my UX-210? More
alarming, it seemed to be getting worse by the
minute. I stepped
outside to see if the
antenna was up. Yes...
but coated with ice, as was everything else! Temperate: 28
degrees. Weather:
moderate to heavy rain! Upon QSY to 40 meters just
now, it's quite the opposite:
more than usual plate current
and RF current
drastically higher than usual.
I've re-tuned
to "legal limit" and will commence making
wobbly noises soon.

Paul

7093. Re: [AWA Group] The BIG Event...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 18:13:38 UTC
From: ve7sl@shaw.ca
Topic: 7080 Message: 7093

FB Eddy and I was wondering when you would show up! When we worked on 80 your signal was not the usual strength but later, probably right around your sunrise, you peaked up considerably...keying sounds fine here. If I recall you have been pretty jumpy in past BK's. I did not hear several of the regulars from back east...my gut feeling is either condx were not as good as last year or activity is down a bit ? I was surprised at the lack of activity on 40m this morning, around dawn back there so went back to bed at about 0530 my time....hope I didn't miss any late-risers.

Steve

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7094. Barry NF1O

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 18:25:52 UTC
From: Louis Vermond
Topic: 7094 Message: 7094

Will you be on 80 late this afternoon? Lou VE3AWA

7095. Re: [AWA Group] 29 BK DX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 18:28:36 UTC
From: ve7sl@shaw.ca
Topic: 7067 Message: 7095

Lou's signal was certainly unique back here....at times he was T9 and at other times he had the buzz....I think he must have been alternating between buzzer-modulation and regular CW. When modulated, his signal was considerably wider and I found that he had two distinct peaks on my AF filter...probably one for the carrier and another for the buzzer's tone? Whatever he was doing it sounded great.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7096. Re: [AWA Group] NF1O - Early morning panic!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 19:18:34 UTC
From: N1BUG
Topic: 7078 Message: 7096

Hi Barry,

Sorry I couldn't pull you through! I had a couple of stations call me that were right at, or just below the noise floor. I could tell someone was there but that was about it. I expect to be back on 80 for the last couple of hours tonight. If you are around and hear me, please try again.

73,
Paul N1BUG

On 12/02/2012 08:42 AM, barry whittemore wrote:

I have been trying to call you. I heard you FB but the closest i came to stirring you was a QRZ? I guess i am not putting much into the antenna.
I heard several awa stations but alas, none heard me.
It was fun trying. I started to use my neophyte RX but switched to the 706 to have a good idea of TX freq.

Barry
NF1O

7097. 29Participation

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 21:25:12 UTC
From: Whitebear
Topic: 7097 Message: 7097

N1BUG wondered if participation was down. Can't speak for the Northeast. What are you east coast guys hearing besides Paul? I have not heard as many east coast as usual. Most of the Midwest guys are here although 3 or 4 are absent. I was tickled to work Maine twice which is hard for me.
I've worked all known Canada I pouring Eddy. Glad the 160 ended early so I could catch you on 40.
What are next weeks 160 plans? I need to plan a bit because it takes a couple of minutes to change capacitors (2) and coil. 73 Scott Wa9WFA

Sent from my iPhone

7098. RE: [AWA Group] Barry NF1O

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 23:13:41 UTC
From: barry whittemore
Topic: 7094 Message: 7098

no, i only have coils etc for 40
barry

To: AWAGroup@yahoogroups.com
From: ldvermond@...
Date: Sun, 2 Dec 2012 13:25:52 -0500
Subject: [AWA Group] Barry NF1O

Will you be on 80 late this afternoon? Lou
VE3AWA

7099. RE: [AWA Group] NF1O - Early morning panic!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 23:18:29 UTC
From: barry whittemore
Topic: 7078 Message: 7099

Thanks for trying, ill have to try to figure out how to get more energy to the antenna.
i only have 40 so cant go to 80.
Barry

To: AWAGroup@yahoogroups.com
From: paul@...
Date: Sun, 2 Dec 2012 14:18:34 -0500
Subject: Re: [AWA Group] NF1O - Early morning panic!

Hi Barry,

Sorry I couldn't pull you through! I had a couple of stations call
me that were right at, or just below the noise floor. I could tell
someone was there but that was about it. I expect to be back on 80
for the last couple of hours tonight. If you are around and hear me,
please try again.

73,

Paul N1BUG

On 12/02/2012 08:42 AM, barry
whittemore wrote:

I have been trying to call you. I heard you FB but the closest i
came to stirring you was a QRZ? I guess i am not putting much
into the antenna.

I heard several awa stations but alas, none heard me.

It was fun trying. I started to use my neophyte RX but switched
to the 706 to have a good idea of TX freq.

Barry

NF1O

7100. Re: [AWA Group] Barry NF1O

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 23:22:45 UTC
From: Louis Vermond
Topic: 7094 Message: 7100

no, i only have coils etc for 40 barry

Good reason why I am not hearing you on 80 then! Please wind for 80. Lou

7101. The BK Affair...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 23:35:42 UTC
From: Eddy Swynar
Topic: 4911 Message: 7101

Hi Guys,

Well, I don't know about any reduction in the number of stations available to work this year---I finished this first weekend with a total of 33 QSOs in the log, which I think may well be my personal best total ever since I started taking part in the 1929 QSO Party back in the 90's!

The inclusion of 160 next weekend should REALLY sweeten the pot...

I made a total of 12 QSOs on 40-meters, & 21 on 80-meters. All told, I completed NINE "clean sweeps" with the gang, i.e., QSOs on both 40 & 80, with N1BUG, W1ZB, NE1S, W2LB, VE7SL, N8YE, WA9WFA, KB0MM, and K0KCY.

My vote for best-sounding signal...? By far, it's that of Steve (VE7SL), on 80-meters: that rig sounds just oh-so-"melodious" and pleasant! On 40-meters, not quite---but on 80, it's (literally!) music to my ears! Paul's (N1BUG) was a not-too-distant second in that regard...

Let's hope for bigger & better things in the weekend ahead, and take advantage of the downtime beforehand so that we might all tweak & fine-tune our machinery...I know there are a coupla things that I want to do here at my station, for sure...

Thanks for a GREAT first weekend, fellas...!

~73~ de Eddy VE3CUI - VE3XZ

7102. Re: [AWA Group] NF1O - Early morning panic!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-02 23:42:32 UTC
From: N1BUG
Topic: 7078 Message: 7102

Aha! So you were the one I couldn't quite dig out on 40. I'm with Lou... and chance of coils for 80 meter operation. My receive setup is not quite as good on 40 as it is on 80, and it's even better on 160. I'm very sorry I wasn't able to work you, but there is always next weekend... on whatever band!

73,
Paul N1BUG

On 12/02/2012 06:18 PM, barry whittemore wrote:

Thanks for trying, ill have to try to figure out how to get more energy to the antenna.
i only have 40 so cant go to 80.
Barry

7103. BUG BK wrap-up, part 1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 00:23:35 UTC
From: N1BUG
Topic: 7103 Message: 7103

Well, I made some QSOs and probably gained some weight. It was a party, yes? What's a party without food? It's a good thing this is a party and not a contest, because if it were a contest I'm pretty sure I just got my butt kicked! Some stations seemed to be in QSO every time I heard them!

I was blown away by the signals from VE7SL and KK7UV on both bands. Outstanding job, guys! Many FB signals from the east and midwest, too, of course.

I'm with Eddy. I want to know what they put in the water in Minnesota. Must be good stuff, whatever it is!

We now return you to your regularly scheduled T9 notes for a period of slightly less than 6 days. The DX station here has been hastily re-assembled, the DX computer rebooted. ZL9HR, here I come!

Lou, you asked for an honest report and I gave a guess. In hindsight, probably a lower T number would have been more accurate. But, how is a guy who has never heard raw AC to know what exactly it sounds like? Or rectified but not filtered DC? Or any of several others, for that matter. It it's not T7, 8, or 9 I'm pretty much guessing.

I'm not sure now if activity was down or not. The last couple of hours on 80 sounded like what I remember from last year... party animals everywhere! ;o) I think I just stayed on 40 too long at the start and missed peak activity on 80. Many of these party animals don't stay long. But where were the likes of WU2D and W1GIG?

Tweaking, eh Eddy? Yeah... I need to figure out a cure for this loading situation on 80 meters. The rig barely tolerates my antenna when it is dry. In order to get any reasonable plate current, the antenna coil has to be right up next to the tank coil... so close they are almost touching. With the ice it gets worse. This afternoon I had to run 600 volts on the plate to make legal limit input for the party. Sheesh! It just hates that antenna. No problem into a dummy load. Under normal circumstances the SWR is only about 1.6 but there's just something about it the rig dislikes.

The big tweak here will be getting a receiver permanently over at the '29 station. I will be building the '29 regen of course, when I get a usable board. But for the BK party I'll probably want something a little more modern-ish. Someday... but not soon.

73,
Bugsy

7104. Re: [AWA Group] The BK Affair...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 01:33:33 UTC
From: ve7sl@shaw.ca
Topic: 4911 Message: 7104

>My vote for best-sounding signal...? By far, it's that of Steve (VE7SL), on
>80-meters: that rig sounds just oh-so-"melodious" and pleasant!

ah-shucks Eddy :-) Tnx...but Lou is going to after me now.

Every year about this time, I decide I must get a MOPA going for next year as the wind always knocks me for a loop it seems. How much power do you get from your 27's Eddy??....I have loads of them just gathering dust here. How does a '10' driving four 27's in parallel sound to you ;-)

Steve

~73~ de Eddy VE3CUI - VE3XZ

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7105. Re: [AWA Group] The BK Affair...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 01:44:09 UTC
From: ve7sl@shaw.ca
Topic: 4911 Message: 7105

Can someone tell me who was running '3W' ...not sure what tx type but heard this station on 80m last night...never did get the call and he faded away. I suspect he was on the east coast from his strength here.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7106. The BK Affair... .

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 02:01:10 UTC
From: Louis Vermond
Topic: 7106 Message: 7106

Jim, WT2W Hartley 3 watts.... 348 St. Marys

----- Original Message -----
From: ve7sl@...
To: AWAGroup@yahoogroups.com
Sent: 2012-12-02 8:44 PM
Subject: Re: [AWA Group] The BK Affair...

Can someone tell me who was running '3W' ...not sure what tx type but heard this station on 80m last night...never did get the call and he faded away. I suspect he was on the east coast from his strength here.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7107. Re: [AWA Group] The BK Affair... .

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 03:22:28 UTC
From: ve7sl@shaw.ca
Topic: 7106 Message: 7107

FB Lou and tnx!

>Jim, WT2W Hartley 3 watts.... 348 St. Marys

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7108. Re: [AWA Group] The BK Affair... .

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 12:14:12 UTC
From: Eddy Swynar
Topic: 7106 Message: 7108

On 2012-12-02, at 9:01 PM, Louis Vermond wrote:

>
> Jim, WT2W Hartley 3 watts.... 348 St. Marys
>
>

Hi Lou,

Yes, right on---but there actually was a second station on using 3-watts, too, and on the same band (have to check my log sheets)...

~73~ de Eddy VE3CUI - VE3XZ

7109. The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 12:32:32 UTC
From: Eddy Swynar
Topic: 7109 Message: 7109

Hi Again Guys,

My LAST comment on this past weekend's proceedings, I promise...!

I just want to say that, if any of you are even half-seriously contemplating the construction of an HB superhet receiver, don't just dream about it---DO IT!!! I can not convey the wonderful feelings of awe, pride, glee, happiness, satisfaction, ETCETERA that well-up inside you whenever you operate in events like this: it's near mind-boggling that a HB collection of 13 balloon envelope tubes has the ability to pick out 3-watt input (that's ONE WATT output, surely, in a self-excited rig!) signals from the middle of a busy band.

Not trying to appear vain, or boastful, in any way at all---just attempting to convey the message that there is surely no joy in Ham radio like there is in the ability to work others, using gear that was 100% crafted by your own two hands...

Believe me!

You can do it. If you have the ability to craft a multi-tube transmitter, what's the the addition of a few more bottles, & an IF transformer, or two, right...?

Come on in, fellas, the water's NEVER been finer...!

~73~ de Eddy VE3CUI - VE3XZ

7110. BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 13:00:44 UTC
From: barry whittemore
Topic: 7110 Message: 7110

OK "now heres the deal" as Ross Perot would put it.

I knew going in that i would have only a few small windows of time to play in the BK so i did not expect to need even a second sheet of log page.

With that said i did not expect to get skunked either, but i did.

My TX and RX were (Are) located in my dining room as opposed to my shack. This is due to the need for a separate table for the key. TX and PS are on a small table, all else is on the dining table. This is why i have the low dipole as opposed to my regular ground plane for 40.

original plans had me using my 27 tube based Hartley for 40 only and a neophyte RX. it became apparent that with the neophyte i had no reasonable idea of how close the freqs were, so i opted for the IC 706 for my RX. (hey baby steps)

So anyway i know i could tell pretty close where TX freq was and i knew it was where i wanted it.

TX PS is 270V key up and 240V key down with type 80 tube, choke and 20 uF elec. (i do not remember off hand what the bleeder value is)
Plate current is ~30 mA. so i was going to say 7 W

I have a small lamp with a 2 turn loop and if i get it near the coil during TX it glows brightly so i know it is oscillating FB.

My ant coupling is a 6 turn (i think) with the sheild connected to one end and the center connected to the other.
antenna is 1/2 wave dipole with one end at 25 ft and other at 10 ft. e/w broadside. with about 30 ft of coax. it looks great on MFJ ana.

I had a freq counter and a F/S meter and both were reading signal.

Now, my question

without a QRP watt meter, how can i be sure that i am coupling my whopping 7 watt signal into the antenna in the best way? I also do not have any old time test equip.
I do have some modern test equip.

Thanks and 73
Barry
NF1O

7111. The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 14:26:00 UTC
From: Eddy Swynar
Topic: 4911 Message: 7111

On 2012-12-02, at 8:33 PM, <ve7sl@...> <ve7sl@...> wrote:

>
>
> Every year about this time, I decide I must get a MOPA going for next year
> as the wind always knocks me for a loop it seems. How much power do you get
> from your 27's Eddy??....I have loads of them just gathering dust here. How
> does a '10' driving four 27's in parallel sound to you ;-)
>
>
>

Hi Steve,

I generally get around 30- to 40-ma. of plate current into the pair of 227's that I have in the final, for around 10-watts input---and being a MOPA, I would guess the output (on a GOOD day!) is probably some 60% of that, or around 6-watts...

I would save that 210 for the final PA stage, and drive it with a 227, if I were you: the '10 is capable of much more than simply generating RF---leave that humdrum chore to a 227, & let the '10 do all of the heavy lifting! Sounds like a good project, bar none...

...And judging by the very heavy "wobbulation" imparted on some of the sigs that I heard over the weekend, the wind was, indeed, a factor on more than a few of the self-excited rigs that were in use!

Still, they ALL sounded wonderful, to my ears here...

~73~ de Eddy VE3CUI - VE3XZ

7112. Re: [AWA Group] BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 14:42:08 UTC
From: Larry Szendrei
Topic: 7110 Message: 7112

On 12/3/12 8:00 AM, barry whittemore wrote:
>
> Now, my question
>
> without a QRP watt meter, how can i be sure that i am coupling my
> whopping 7 watt signal into the antenna in the best way? I also do not
> have any old time test equip.
> I do have some modern test equip.
>
> Thanks and 73
> Barry
> NF1O

Hi Barry ,

Try a pilot lamp or flashlight bulb in series with the coax center conductor at the transmitter. Optimize for max brilliance, back off from max if the note is too scary. Then short out the bulb for normal use.

To get optimal results with link coupling you should have a fairly large (electrically) variable C in series with the loop. The best way to do this is with a 3 section air variable, all 3 sections in parallel. Rotor/frame goes to ground/coax shield, and the parallel stators go to the "bottom" of your link, where your coax shield is used to be connected. This will help you resonate the system (i.e., tune out reactance) and transfer max power to the antenna. Your parameters are now the setting of this air variable, distance of the link from the tank coil, and number of turns (i.e., where you tap) the link coil. Whereas you can transfer power without the series cap, I've never been able to get maximum possible transfer of power without it. Every adjustment will affect the frequency somewhat so you'll have to tweak the transmitter back on frequency once you get everything set.

If you are available to try a sked sometime this week - probably morning would favor the best propagation between us - let me know.

73,
-Larry/NE1S

7113. Re: [AWA Group] The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 14:52:00 UTC
From: Larry Szendrei
Topic: 4911 Message: 7113

On 12/3/12 9:26 AM, Eddy Swynar wrote:
>
> I would save that 210 f/or the final PA stage/, and /drive/it with a
> 227, if I were you: the '10 is capable of /much/more than simply
> generating RF---leave that humdrum chore to a 227, & let the '10 do
> all of the heavy lifting! Sounds like a good project, bar none...
>
I concur with Eddy on this recommendation. Or, if you don't want to change the socket or and wiring in your oscillator, use a '45 or '71 as the osc. and the '10 in the PA.

Note - a '71 can't take high plate voltage - but they draw more current at lower voltages, so still deliver considerable power. Typical for my PP TNT is 50 mA for the pair at ~150V, which amounts to 7.5W input. The pair take 10W input just fine - just a bit more current and voltage. I think the max. speced plate voltage is 180.

73,
-Larry/NE1S

7114. Re: [AWA Group] BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 15:00:56 UTC
From: Larry Szendrei
Topic: 7110 Message: 7114

Corrected version...

On 12/3/12 9:42 AM, Larry Szendrei wrote:
>
> Hi Barry ,
>
> Try a pilot lamp or flashlight bulb in series with the coax center
> conductor at the transmitter. Optimize for max brilliance, back off
> from max if the note is too scary. Then short out the bulb for normal
> use.
>
> To get optimal results with link coupling you should have a fairly
> large (electrically) variable C in series with the LINK. The best way
> to do this is with a 3 section air variable, all 3 sections in
> parallel. Rotor/frame goes to ground/coax shield, and the parallel
> stators go to the "bottom" of your link, where your coax shield used
> to be connected. This will help you resonate the system (i.e., tune
> out reactance) and transfer max power to the antenna. Your parameters
> are now the setting of this air variable, distance of the link from
> the tank coil, and number of turns (i.e., where you tap) the link
> coil. Whereas you can transfer power without the series cap, I've
> never been able to get maximum possible transfer of power without it.
> Every adjustment will affect the frequency somewhat so you'll have to
> tweak the transmitter back on frequency once you get everything set.
>
> If you are available to try a sked sometime this week - probably
> morning would favor the best propagation between us - let me know.
>
> 73,
> -Larry/NE1S
>

7115. Re: [AWA Group] The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 15:10:15 UTC
From: ve7sl@shaw.ca
Topic: 4911 Message: 7115

Thanks for this info Eddy.

On 2012-12-02, at 8:33 PM, <ve7sl@...> <ve7sl@...> wrote:

>
>
> Every year about this time, I decide I must get a MOPA going for next year
> as the wind always knocks me for a loop it seems. How much power do you
> get
> from your 27's Eddy??....I have loads of them just gathering dust here.
> How
> does a '10' driving four 27's in parallel sound to you ;-)
>
>
>

Hi Steve,

I generally get around 30- to 40-ma. of plate current into the pair of 227's that I have in the final, for around 10-watts input---and being a MOPA, I would guess the output (on a GOOD day!) is probably some 60% of that, or around 6-watts...

I would save that 210 for the final PA stage, and drive it with a 227, if I were you: the '10 is capable of much more than simply generating RF---leave that humdrum chore to a 227, & let the '10 do all of the heavy lifting! Sounds like a good project, bar none...

...And judging by the very heavy "wobbulation" imparted on some of the sigs that I heard over the weekend, the wind was, indeed, a factor on more than a few of the self-excited rigs that were in use!

Still, they ALL sounded wonderful, to my ears here...

~73~ de Eddy VE3CUI - VE3XZ

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7116. Re: [AWA Group] The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 15:11:33 UTC
From: ve7sl@shaw.ca
Topic: 4911 Message: 7116

Tnx Larry.

> On 12/3/12 9:26 AM, Eddy Swynar wrote:
>>
>> I would save that 210 f/or the final PA stage/, and /drive/it with a
>> 227, if I were you: the '10 is capable of /much/more than simply
>> generating RF---leave that humdrum chore to a 227, & let the '10 do
>> all of the heavy lifting! Sounds like a good project, bar none...
>>
> I concur with Eddy on this recommendation. Or, if you don't want to
> change the socket or and wiring in your oscillator, use a '45 or '71 as
> the osc. and the '10 in the PA.
>
> Note - a '71 can't take high plate voltage - but they draw more current
> at lower voltages, so still deliver considerable power. Typical for my
> PP TNT is 50 mA for the pair at ~150V, which amounts to 7.5W input. The
> pair take 10W input just fine - just a bit more current and voltage. I
> think the max. speced plate voltage is 180.
>
> 73,
> -Larry/NE1S
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7117. RE: [AWA Group] BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 16:43:56 UTC
From: barry whittemore
Topic: 7110 Message: 7117

Thanks Larry and Andy, I do not have a 3 section but i know i have a two section. so ill see if i have a decent way to mount it. I have a pilot lamp and can get that in there also. I could sked on Friday AM or any eve but tonight (boy scouts tonight).
Ill let you know when i think i have power going to the antenna.

Thanks for the ideas and ill let you know how it works out.

73
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: ne1s@securespeed.us
Date: Mon, 3 Dec 2012 10:00:56 -0500
Subject: Re: [AWA Group] BK QSO party help

Corrected version...

On 12/3/12 9:42 AM, Larry Szendrei wrote:

Hi Barry ,

Try a pilot lamp or flashlight bulb in series with the coax center conductor at the transmitter. Optimize for max brilliance, back off from max if the note is too scary. Then short out the bulb for normal use.

To get optimal results with link coupling you should have a fairly large (electrically) variable C in series with the LINK. The best way to do this is with a 3 section air variable, all 3 sections in parallel. Rotor/frame goes to ground/coax shield, and the parallel stators go to the "bottom" of your link, where your coax shield used to be connected. This will help you resonate the system (i.e., tune out reactance) and transfer max power to the antenna. Your parameters are now the setting of this air variable, distance of the link from the tank coil, and number of turns (i.e., where you tap) the link coil. Whereas you can transfer power without the series cap, I've never been able to get maximum possible transfer of power without it. Every adjustment will affect the frequency somewhat so you'll have to tweak the transmitter back on frequency once you get everything set.

If you are available to try a sked sometime this week - probably morning would favor the best propagation between us - let me know.

73,
-Larry/NE1S

7118. Re: [AWA Group] BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 18:07:06 UTC
From: Larry Szendrei
Topic: 7110 Message: 7118

On 12/3/12 11:43 AM, barry whittemore wrote:
>
> Thanks Larry and Andy, I do not have a 3 section but i know i have a
> two section. so ill see if i have a decent way to mount it.
A dual section AM broadcast band variable condenser with both sections
in parallel should be enough for 40M. It can be outboard from the
transmitter, but as close as reasonably possible to avoid a long
connection to the link.
> I have a pilot lamp and can get that in there also.
Again, it can be outboard if you like. Also, since it's a series
circuit, the lamp can just as well be connected between the "bottom" end
of the link and the parallel stators of the cap (i.e., in series between
the cap and the link). That would allow you to mound the lamp and air
variable on the same board, separate from the transmitter. That, way if
you have more than one link-coupled low-power transmitter, the cap/lamp
deal can be easily connected to any of them.
> I could sked on Friday AM or any eve but tonight (boy scouts tonight).
> Ill let you know when i think i have power going to the antenna.
>
Friday morning works for me. I won't be on a 1929 rig because I already
swapped the 40M coils out of the TNT in favor of 160M coils for next
weekend. Getting 3.5W out for 10W into the pair of '71As on ~1805 Kc/s.
The 160M coils haven't been used in the TNT since I started doing the
1929 BK (it wasn't called that, then) back around 1995. Note is a bit
chirpy because tank coil has too many turns and it resonates with less C
than I use on 80M, or even 40M for that matter. Not unacceptably so, though.

Plenty of other tube transmitters I can operate on 40M CW, though, for a
sked.

> Thanks for the ideas and ill let you know how it works out.
>
GL!

-Larry/NE1S

7119. RE: [AWA Group] Headset cushions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 18:35:26 UTC
From: Roger Kuchera
Topic: 7088 Message: 7119

Hi Steve,
Thank you for the tip on the ear cushions. I sent them an email for pricing. Without the cushions these things would be murder on your ears.

CUL, Roger/K1TG

--- On Sun, 12/2/12, Steve Flood <kk7uv@...> wrote:

From: Steve Flood <kk7uv@bresnan.net>
Subject: RE: [AWA Group] Headset cushions?
To: AWAGroup@yahoogroups.com
Date: Sunday, December 2, 2012, 12:22 PM

These supposedly will fit….

MX-41/AR Cushions (NSN 5965-01-331-8708)

http://www.wilfan.net/styled-2/

Good Luck,
Steve KK7UV

7120. Re: [AWA Group] The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 19:35:45 UTC
From: ab9zg@ymail.com
Topic: 4911 Message: 7120

In the September 1928 QST and elsewere, it is shown that an overloaded receiving tube does not perform that well as an oscillator to drive a '10 PA. In that article, a '71A MO was first tried with poor results so a lightly loaded '10 was used instead. Another thing to consider is that even with a MOPA, the antenna can still have some effect on the oscillator frequency, and quite precise neutralization is mandatory. In this regard, the 865 is superior to the 210.
--- In AWAGroup@yahoogroups.com, <ve7sl@...> wrote:
>
> Thanks for this info Eddy.
>
>
>
> On 2012-12-02, at 8:33 PM, <ve7sl@...> <ve7sl@...> wrote:
>
> >
> >
> > Every year about this time, I decide I must get a MOPA going for next year
> > as the wind always knocks me for a loop it seems. How much power do you
> > get
> > from your 27's Eddy??....I have loads of them just gathering dust here.
> > How
> > does a '10' driving four 27's in parallel sound to you ;-)
> >
> >
> >
>
>
> Hi Steve,
>
> I generally get around 30- to 40-ma. of plate current into the pair of 227's
> that I have in the final, for around 10-watts input---and being a MOPA, I
> would guess the output (on a GOOD day!) is probably some 60% of that, or
> around 6-watts...
>
> I would save that 210 for the final PA stage, and drive it with a 227, if I
> were you: the '10 is capable of much more than simply generating RF---leave
> that humdrum chore to a 227, & let the '10 do all of the heavy lifting!
> Sounds like a good project, bar none...
>
> ...And judging by the very heavy "wobbulation" imparted on some of the sigs
> that I heard over the weekend, the wind was, indeed, a factor on more than a
> few of the self-excited rigs that were in use!
>
> Still, they ALL sounded wonderful, to my ears here...
>

> ~73~ de Eddy VE3CUI - VE3XZ
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>

7121. eBay Alert De Forest 510

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 19:53:17 UTC
From: Louis Vermond
Topic: 7121 Message: 7121

Again, I have this tube. I have used it with the TNT. In tone, output and stability, it is by far superior to the RCA UX-210 & Type 10 I have. Skip a few meals...

"Buy it Now"

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=150958474565&ssPageName=ADME:B:SS:US:1123

7122. Re: [AWA Group] Headset cushions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 19:59:21 UTC
From: Steve Flood
Topic: 7088 Message: 7122

>>Without the cushions these things would be murder on your ears.

No doubt. I have the rubber cushions for my R-14 and ANB-H-1 headphones. Even so, they get a little uncomfortable after a few hours. I am hoping to find a nice set of those chamois-lined cushions they used for cold weather! I guess not many of those have survived though.

Good luck,
Steve KK7UV

7123. Re: [AWA Group] The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 20:56:43 UTC
From: Larry Szendrei
Topic: 4911 Message: 7123

On 12/3/12 2:35 PM, ab9zg@... wrote:
>
> In the September 1928 QST and elsewere, it is shown that an overloaded
> receiving tube does not perform that well as an oscillator to drive a
> '10 PA. In that article, a '71A MO was first tried with poor results
> so a lightly loaded '10 was used instead. Another thing to consider is
> that even with a MOPA, the antenna can still have some effect on the
> oscillator frequency, and quite precise neutralization is mandatory.
> In this regard, the 865 is superior to the 210.
>
Good points, and I basically agree.

M comments assumed that at 10W input to the '10 you should be able to
get enough out of a 71 or 45 without it having to sweat too hard, but I
can't say for sure never having tried it. An 865, besides probably not
requiring neutralization on the lower bands, would also require less
driving power than a '10. (I believe the 865 is basically a '10 with a
screen grid added.)

I'll look up the article you reference - sounds like an interesting read.

73,
-Larry/NE1S

7124. Re: [AWA Group] eBay Alert De Forest 510

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 21:04:45 UTC
From: Larry Szendrei
Topic: 7121 Message: 7124

On 12/3/12 2:53 PM, Louis Vermond wrote:
>
> Again, I have this tube. I have used it with the TNT. In tone, output
> and stability, it is by far superior to the RCA UX-210 & Type 10 I
> have. Skip a few meals...
>
Lou, $130 slightly exceeds our weekly grocery budget - Elaine and I
would have to fast for a week plus! Not gonna happen... :-)

73,
-Larry/NE1S

7125. Re: [AWA Group] Headset cushions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 21:09:30 UTC
From: Roger Kuchera
Topic: 7088 Message: 7125

Hi Steve,
The best set of hi-Z cans I had were a set used in B-17s (amongst others). They had the rubber cushions and leather-covered headbands. I like these H-43s because the lead only comes out one side and not in the normal yolk fashion.

CUL, Roger/K1TG

--- On Mon, 12/3/12, Steve Flood <kk7uv@...> wrote:

> From: Steve Flood <kk7uv@...>
> Subject: Re: [AWA Group] Headset cushions?
> To: AWAGroup@yahoogroups.com
> Date: Monday, December 3, 2012, 2:59 PM
> >>Without the cushions these
> things would be murder on your ears.
>
>
> No doubt. I have the rubber cushions for my R-14 and
> ANB-H-1 headphones.
> Even so, they get a little uncomfortable after a few
> hours. I am hoping to
> find a nice set of those chamois-lined cushions they used
> for cold weather! I
> guess not many of those have survived though.
>
> Good luck,
> Steve KK7UV
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   AWAGroup-fullfeatured@yahoogroups.com
>
>

7126. Re: [AWA Group] eBay Alert De Forest 510

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 22:48:09 UTC
From: Louis Vermond
Topic: 7121 Message: 7126

Eating's over rated, that tube is not....

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: 2012-12-03 4:04 PM
Subject: Re: [AWA Group] eBay Alert De Forest 510

On 12/3/12 2:53 PM, Louis Vermond wrote:

Again, I have this tube. I have used it with the TNT. In tone, output and stability, it is by far superior to the RCA UX-210 & Type 10 I have. Skip a few meals...

Lou, $130 slightly exceeds our weekly grocery budget - Elaine and I would have to fast for a week plus! Not gonna happen... :-)

73,
-Larry/NE1S

7127. Re: [AWA Group] The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-03 23:05:53 UTC
From: STEVE MCDONALD
Topic: 4911 Message: 7127

> Another thing to consider is that even with a MOPA, the antenna can still have some effect on the oscillator frequency, and quite precise neutralization is mandatory. In this regard, the 865 is superior to the 210.

Good info....perhaps I need to start hunting for an 865. I did hear several MOPAs that were either chirping heavily or being wind-influenced. Perhaps a buffer stage should be contemplated for better oscillator isolation.

Steve / VE7SL

7128. Re: [AWA Group] eBay Alert De Forest 510

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 03:02:35 UTC
From: N1BUG
Topic: 7121 Message: 7128

Lou, $130 slightly exceeds our weekly grocery budget - Elaine and I would have to fast for a week plus! Not gonna happen... :-)

I hear ya Larry. I found myself seriously debating between the tube and frozen pipes... which have a tendency to happen when one doesn't heat a place. Fortunatlely for me, someone bought the tube while I was debating. Whew! I lucked out on that one.

73,
Paul N1BUG

7129. Re: [AWA Group] The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 03:07:11 UTC
From: N1BUG
Topic: 4911 Message: 7129

> Good info....perhaps I need to start hunting for an 865.

Good luck - and if you find more than you need, please let me know! I hunted for well over a year before finally finding one. Bear in mind I was only willing to accept a more or less '29 legitimate one... meaning a UX-865. I finally did find ONE, which I can only hope is good since no one in the area has a tube tester that will check it. The good news is the audiophiles don't want them. The bad news is they seem to be just one notch above hens' teeth on the scarcity scale. :-(

73,
Paul N1BUG

7130. Re: [AWA Group] BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 03:25:17 UTC
From: N1BUG
Topic: 7110 Message: 7130

Friday morning works for me.

If you guys need or want an extra set of ears on frequency, let me know. AFAIK right now, I'm available Friday morning.

The lamp is of course a great idea as an output indicator and 1929 authentic. The period correct method is a thermocouple type RF current meter. I think you said you had a QRP wattmeter. Assuming your antenna is coax fed, you could put that in line. But I'm guessing I must have missed something along the lines of the antenna not being coax fed or not being cut to produce a low SWR - else I'm sure you would already have the QRP meter on it.

The tuning condenser is series is an absolute must to get any real RF out of my TNT rig. Even with it, the rig isn't too amused with my 80 meter antenna.

73,
Paul N1BUG

7131. Re: [AWA Group] BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 03:27:25 UTC
From: N1BUG
Topic: 7110 Message: 7131

OOPS! Now I see you said without a QRP wattmeter. I read it wrong the first time. That's what I get for skimming messages in a rush. My bad.

73,
Paul

On 12/03/2012 10:25 PM, N1BUG wrote:

Friday morning works for me.

If you guys need or want an extra set of ears on frequency, let me know. AFAIK right now, I'm available Friday morning.

The lamp is of course a great idea as an output indicator and 1929 authentic. The period correct method is a thermocouple type RF current meter. I think you said you had a QRP wattmeter. Assuming your antenna is coax fed, you could put that in line. But I'm guessing I must have missed something along the lines of the antenna not being coax fed or not being cut to produce a low SWR - else I'm sure you would already have the QRP meter on it.

The tuning condenser is series is an absolute must to get any real RF out of my TNT rig. Even with it, the rig isn't too amused with my 80 meter antenna.

73,
Paul N1BUG

7132. Re: [AWA Group] eBay Alert De Forest 510

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 04:52:08 UTC
From: Louis Vermond
Topic: 7121 Message: 7132

.-.. . - ... .- .-.. .-.. -.-. ....- .--. .-.. .. -.- . - .... . -... .. .-. -.. .. . ... -.-. .... . .- .--.

7133. Isn't that an Idea....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 10:37:53 UTC
From: Louis Vermond
Topic: 7133 Message: 7133
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

7134. Re: [AWA Group] Isn't that an Idea....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 14:02:49 UTC
From: Jim Robson
Topic: 7133 Message: 7134
Attachments: 1 described; binary payloads are missing from this source WARC

Short arms? Jim.

On 04/12/12 5:37 AM, Louis Vermond wrote:
>
>

7135. Re: [AWA Group] BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 15:25:29 UTC
From: Larry Szendrei
Topic: 7110 Message: 7135

On 12/3/12 10:25 PM, N1BUG wrote:
>
> I think you said you had a QRP wattmeter. Assuming your antenna is
> coax fed, you could put that in line. But I'm guessing I must have
> missed something along the lines of the antenna not being coax fed or
> not being cut to produce a low SWR - else I'm sure you would already
> have the QRP meter on it.
>
Paul - Barry had said he does NOT have a QRP wattmeter, hence he had
asked for alternative suggestions.

73,
-Larry/NE1S

7136. Re: [AWA Group] BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 15:26:19 UTC
From: Larry Szendrei
Topic: 7110 Message: 7136

On 12/3/12 10:27 PM, N1BUG wrote:
>
> OOPS! Now I see you said /*without*/ a QRP wattmeter. I read it wrong
> the first time. That's what I get for skimming messages in a rush. My
> bad.
>
Shoulda read this before I replied - sorry!

7137. Re: [AWA Group] The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 16:26:05 UTC
From: STEVE MCDONALD
Topic: 4911 Message: 7137

>The bad
news is they seem to be just one notch above hens' teeth on the
scarcity scale. :-(

OK Paul...thanks for this...did not realize that. It sounds as if the likelihood
of finding one might be a tough prospect.
Perhaps I should go directly to plan 'B'.

Steve / 73

7138. RE: [AWA Group] BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 12:50:14 UTC
From: barry whittemore
Topic: 7110 Message: 7138

Thanks Paul,
I heard you Sunday AM very well, full copy at 579 (well the 9 is a stretch) but it was easy copy. I hope to get home early enough to get it hooked up and tied out.
antenna is coax fed dipole on a slight slant with low end to the north and high end to the south.
MFJ analyzer shows it near perfect.

I found a 2 gang varicap that has a big shaft so i have no knob for it. ill probably wrap some tape on it.
Ill also have to find my spool of cloth covered wire to properly hook up the Key. right now it has some jumper leads with aligator clips.

I have the bulb, soldering iron and the skills to use it. I just have to keep my XYL at bay for the rest of the week. she isnt real happy about the use of the dining table for radio. She is somewhat understanding as she is NE1F but she is happy using the K3 in the shack.

hopefully ill get a bit further before the weekend. It is a busy weekend on the radio with the 10 meter contest, the BK final weekend and the SKCC weekend sprint, ill be busy as i plan to make some of each.

thanks for all the help guys,
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: paul@...
Date: Mon, 3 Dec 2012 22:27:25 -0500
Subject: Re: [AWA Group] BK QSO party help

OOPS! Now I see you said without a QRP wattmeter. I read it wrong the first time. That's what I get for skimming messages in a rush. My bad.

73,
Paul

On 12/03/2012 10:25 PM, N1BUG wrote:

Friday morning works for me.

If you guys need or want an extra set of ears on frequency, let me know. AFAIK right now, I'm available Friday morning.

The lamp is of course a great idea as an output indicator and 1929 authentic. The period correct method is a thermocouple type RF current meter. I think you said you had a QRP wattmeter. Assuming your antenna is coax fed, you could put that in line. But I'm guessing I must have missed something along the lines of the antenna not being coax fed or not being cut to produce a low SWR - else I'm sure you would already have the QRP meter on it.

The tuning condenser is series is an absolute must to get any real RF out of my TNT rig. Even with it, the rig isn't too amused with my 80 meter antenna.

73,
Paul N1BUG

7139. Re: [AWA Group] The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 16:45:05 UTC
From: Larry Szendrei
Topic: 4911 Message: 7139

On 12/4/12 11:26 AM, STEVE MCDONALD wrote:
>
>
>
> >The bad
> news is they seem to be just one notch above hens' teeth on the
> scarcity scale. :-(
>
> OK Paul...thanks for this...did not realize that. It sounds as if the
> likelihood
> of finding one might be a tough prospect.
> Perhaps I should go directly to plan 'B'.
>
> Steve / 73
>
>
Antique Electronic Supply has 'em for $10.89 apiece - but it's probably the VT-whatever equivalent in an ST bottle. We had established a while back that that is legal for 1929 BK purposes, but some of us have additional standards over and above what's "legal" - to each his own. (I had bought a few of these years ago and I certainly would have no trouble sleeping using them ;-))

73,
-Larry/NE1S

7140. Re: [AWA Group] The BK Affair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 03:43:15 UTC
From: Jon Delventhal
Topic: 4911 Message: 7140

Hens teeth are tubes like the 831 and the UV-206. Three globe 865 tubes were listed on ebay within the last month or so. Paul sniped me on the third.

(Anybody have any 831 tubes?)

Jon - AB9ZG

From: N1BUG <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 3, 2012 9:07 PM
Subject: Re: [AWA Group] The BK Affair

> Good info....perhaps I need to start hunting for an 865.

Good luck - and if you find more than you need, please let me know! I hunted for well over a year before finally finding one. Bear in mind I was only willing to accept a more or less '29 legitimate one... meaning a UX-865. I finally did find ONE, which I can only hope is good since no one in the area has a tube tester that will check it. The good news is the audiophiles don't want them. The bad news is they seem to be just one notch above hens' teeth on the scarcity scale. :-(

73,
Paul N1BUG

7141. Re: [AWA Group] 865 tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 16:48:57 UTC
From: N1BUG
Topic: 4911 Message: 7141

On 12/03/2012 10:43 PM, Jon Delventhal wrote:

Hens teeth are tubes like the 831 and the UV-206. Three globe 865 tubes were listed on ebay within the last month or so. Paul sniped me on the third.

??????!!!!! How on Earth did I miss the first two!? Rats!!! Obviously I'm not working hard enough on this one.

73,
Paul

7142. Re: [AWA Group] Isn't that an Idea....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 17:53:29 UTC
From: Louis Vermond
Topic: 7133 Message: 7142
Attachments: 1 described; binary payloads are missing from this source WARC

I have arthritis in my right hand. Some reason, it appeals to that hand. I'll try it....
----- Original Message -----
From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: 2012-12-04 9:02 AM
Subject: Re: [AWA Group] Isn't that an Idea....

Short arms? Jim.

On 04/12/12 5:37 AM, Louis Vermond wrote:

7143. Re: [AWA Group] Isn't that an Idea....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-04 23:29:23 UTC
From: Roger Kuchera
Topic: 7133 Message: 7143
Attachments: 1 described; binary payloads are missing from this source WARC

Looks like a j-38 armature turned upside down. Be careful of the term "short arm!"

Roger.

--- On Tue, 12/4/12, Jim Robson <nc101x@...> wrote:

From: Jim Robson <nc101x@...>
Subject: Re: [AWA Group] Isn't that an Idea....
To: AWAGroup@yahoogroups.com
Date: Tuesday, December 4, 2012, 9:02 AM

Short arms? Jim.

On 04/12/12 5:37 AM, Louis Vermond wrote:

7144. Dec 8 BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 04:29:22 UTC
From: Niel - W0VLZ
Topic: 7144 Message: 7144

After being out of town last weekend I now have my Push-Pull 210s TNT on the air and ready for next weekend. Just under 10 watts in gives me about 2 watts out. According to the Reverse Beacon Network at http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=w0vlz&t=dx not real strong but enough for some QSOs:

showing spots for DX call: W0VLZ
search spot by callsign
de dx freq cq/dx snr speed time
K3MM W0VLZ 3555.7 CW CQ 3 dB 16 wpm 0407z 05 Dec
WZ7I W0VLZ 3555.7 CW CQ 9 dB 16 wpm 0406z 05 Dec
W8WTS W0VLZ 3555.8 CW CQ 10 dB 16 wpm 0406z 05 Dec

Any plans to be on the air before Saturday evening?

73,
Niel - W0VLZ

7145. Re: [AWA Group] 865 follow-up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 12:19:37 UTC
From: N1BUG
Topic: 4911 Message: 7145

N1BUG Said:

The bad news is they seem to be just one notch above hens' teeth on the scarcity scale. :-(

NE1S Said:

Antique Electronic Supply has 'em for $10.89 apiece - but it's probably the VT-whatever equivalent in an ST bottle. We had established a while back that that is legal for 1929 BK purposes, but some of us have additional standards over and above what's "legal" - to each his own. (I had bought a few of these years ago and I certainly would have no trouble sleeping using them ;-))

Please allow me to clarify. Or better yet, let's start over. What I meant, but failed to say correctly, is that 865's that were in production prior to 1930 seem to be very scarce. As far as I know, the RCA UX-865 is the only one that qualifies. If anyone has evidence to the contrary, I am very interested in hearing about it.

What I believe to be 1930s versions of the 865, globe shape with graphite plate seem to be somewhat common. I bought one as insurance in case I couldn't find an 865 with pre-1930 lineage. At least it's globe shaped! I've probably seen 3 or 4 others on eBay over the past 18 months or so. Vacuum Tubes Inc. has a few listed on their web site if you want to pay the price. As far as I have been able to determine these became available in the 1930s.

The 865 in ST shape is easy to find and apparently not in demand. There is a pair of them listed on eBay right now which I have no interest in:

http://www.ebay.com/itm/310525862183

I should be more careful in what I say and not assume everyone is a pre-1930s nut like me. Sorry for the confusion. :-) If my interest were primarily operating in the BK, I would have no trouble sleeping with later ST versions of the 10, 865, or whatever. Unfortunately for me, my main interest is constructing, displaying, and using gear using pre-1930s parts except where it is absolutely not practical (for me) to do so. The BK to me is merely a convenient appetizer. This additional personal standard causes me much grief in finding parts! ;-)

73,
Paul N1BUG

7146. Who Dat...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 12:42:07 UTC
From: Eddy Swynar
Topic: 7146 Message: 7146

Hi Guys,

Yesterday morning at around 5:45 AM EST, or so, and again this morning, I heard a very raspy, growly, decidedly "...1929-ish" signal briefly conducting tests on 160-meters: on Tuesday it was around 1910-KHz, and to-day it was near 1814-KHz...

The signal seemed to peak strongest on my west-favouring K9AY loop.

I stood by, hoping for a station ID so that I might call you---but the testing was of short duration, & a call sign was never sent.

Who was that...? And if you wouldn't mind, please identify yourself so that other early birds of a "...Roaring 20's" bent might be able to call you...!

~73~ de Eddy VE3CUI - VE3XZ

7147. Re: [AWA Group] 865 follow-up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 14:05:16 UTC
From: Larry Szendrei
Topic: 4911 Message: 7147

On 12/5/12 7:19 AM, N1BUG wrote:
>
> N1BUG Said:
>
>
> Please allow me to clarify. Or better yet, let's start over. What I
> meant, but failed to say correctly, is that 865's that were in
> production prior to 1930 seem to be very scarce. As far as I know, the
> RCA UX-865 is the only one that qualifies. If anyone has evidence to
> the contrary, I am very interested in hearing about it.
>
Yeah, Paul. I (at least) knew exactly what you meant, as you had in
earlier posts made clear that authenticity, as much as possible within
your ability to find parts that were made prior to 1930, was important
to you. I had just wanted to point out for those wanting to use an 865
and may willing to compromise on the absolute authenticity vs.
cost/availability factor, that at least one affordable/available
alternative existed.

> What I believe to be 1930s versions of the 865, globe shape with
> graphite plate seem to be somewhat common. I bought one as insurance
> in case I couldn't find an 865 with pre-1930 lineage. At least it's
> globe shaped! I've probably seen 3 or 4 others on eBay over the past
> 18 months or so. Vacuum Tubes Inc. has a few listed on their web site
> if you want to pay the price. As far as I have been able to determine
> these became available in the 1930s.
>
Cool. Those would be closer to authenticity than the AES ST ones. About
how much have they been going for?

> The 865 in ST shape is easy to find and apparently not in demand.
> There is a pair of them listed on eBay right now which I have no
> interest in:
>
> http://www.ebay.com/itm/310525862183
>
> I should be more careful in what I say and not assume everyone is a
> pre-1930s nut like me. Sorry for the confusion. :-) If my interest
> were primarily operating in the BK, I would have no trouble sleeping
> with later ST versions of the 10, 865, or whatever. Unfortunately for
> me, my main interest is constructing, displaying, and using gear using
> pre-1930s parts except where it is absolutely not practical (for me)
> to do so. The BK to me is merely a convenient appetizer. This
> additional personal standard causes me much grief in finding parts! ;-)
>

No need to apologize for your personal preferences - you are absolutely entitled to them, and I am in no way being critical. Different people have different priorities. Whereas I would also love to put that constraint on myself (if it came at little cost), it is not worth the extra $ to me, so I make a compromise I can live with. Retiring at 53 has its advantages as well as drawbacks. Like anything, it comes with trade-offs, but I don't regret doing so in the least!

Also no need for an apology here for creating confusion - if anyone created any confusion, it was me. I had assumed that others knew by now that using pre-1930s parts was a priority for you, as you had made that clear in earlier posts, so I didn't feel the need to mention it.

73,
-Larry/NE1S

7148. Re: [AWA Group] 865 follow-up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 14:52:44 UTC
From: Steve Flood
Topic: 4911 Message: 7148

When I was gathering parts for my MOPA several years ago, I bought a dear UX-865. In its first test the filament glowed fine for a few seconds and then went open. I was not able to return it to the vendor because it worked fine when they tested it. I lamented this event to an old-timer at a hamfest who told me that was a "common fate" of the first generation of 865's. (Perhaps another reason for their scarcity?) I later found a ceramic base globe 865 which has performed well. I also keep a small supply of ST 865's for back-ups.

Steve, KK7UV

7149. 865 date

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 15:07:04 UTC
From: Roger Kuchera
Topic: 7149 Message: 7149

Gentlemen,
According to the dates shown in the tube table, as presented in the Sept. 1932 issue of QST, the 210 is dated Sept. 1926 and the 865 is shown as April 1929. I believe this data was compiled by G. Grammer, W1DF (SK).

I hope this helps.

CUL, Roger/K1TG

7150. Re: [AWA Group] 865 follow-up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 15:28:52 UTC
From: N1BUG
Topic: 4911 Message: 7150

On 12/05/2012 09:05 AM, Larry Szendrei wrote:

I had just wanted to point out for those wanting to use an 865 and may willing to compromise on the absolute authenticity vs. cost/availability factor, that at least one affordable/available alternative existed.

Yeah, I knew that Larry. But I thought it might be worth clarifying my meaning for benefit of any new members who might not be aware of my 1920s bias.

What I believe to be 1930s versions of the 865, globe shape with graphite plate

Cool. Those would be closer to authenticity than the AES ST ones. About how much have they been going for?

The last one I saw went for $15. No, I wasn't the buyer. It has been a while but I believe I paid about the same for mine. I don't recall what the others went for.

I am in no way being critical.

I know!

Whereas I would also love to put that constraint on myself (if it came at little cost), it is not worth the extra $ to me, so I make a compromise I can live with.

You've pretty well summed up the major dilemma for me with this interest area. If I'm completely honest with myself, I really can't afford the monetary cost of my 1920s purist approach. On the other hand, I find that if I deviate too much from it, projects no longer appeal to me. I've recently realized I need to drop some projects from my wish list because, within the constraints that make them have meaning to me, they aren't financially viable.

73,
Paul N1BUG

7151. Re: [AWA Group] 865 follow-up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 15:32:13 UTC
From: N1BUG
Topic: 4911 Message: 7151

On 12/05/2012 09:52 AM, Steve Flood wrote:
> When I was gathering parts for my MOPA several years ago, I bought a dear
> UX-865. In its first test the filament glowed fine for a few seconds and then
> went open. I lamented this event to an old-timer at a hamfest who
> told me that was a "common fate" of the first generation of 865's. (Perhaps
> another reason for their scarcity?)

Oh no! Now I'm concerned about that pretty UX-865 I have ever so
carefully tucked away. If it suffers a similar fate, I may have no
choice but to use the 1930s graphite plate version.

73,
Paul N1BUG

7152. Re: 865 follow-up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 15:39:39 UTC
From: ab9zg@ymail.com
Topic: 4911 Message: 7152

The early UX-865's do not have their filaments strongly supported. Instead of the normal inverted "w" supported by springs at the top, they have a helical filament supported by a long cantilevered stick so it can move independantly to the grid and plate. One of mine had the filament short to the grid in shipping, but several careful whacks fixed it.

Perhaps the increased power and isolation offered by the RCA globe UX-865 (as compared to the 210) does not overcome the disadvantage of increased rarity.

However if half a dozen show up per year, thats good enough for me, especially since they sell for as little as $0.50.

--- In AWAGroup@yahoogroups.com, "Steve Flood" <kk7uv@...> wrote:
>
> When I was gathering parts for my MOPA several years ago, I bought a dear
> UX-865. In its first test the filament glowed fine for a few seconds and then
> went open. I was not able to return it to the vendor because it worked fine
> when they tested it. I lamented this event to an old-timer at a hamfest who
> told me that was a "common fate" of the first generation of 865's. (Perhaps
> another reason for their scarcity?) I later found a ceramic base globe 865
> which has performed well. I also keep a small supply of ST 865's for
> back-ups.
>
> Steve, KK7UV
>

7153. RE: [AWA Group] Headset cushions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 18:59:26 UTC
From: Roger Kuchera
Topic: 7088 Message: 7153

Howdy Steve,
FYI: I sent an email to this outfit asking about the cushions and didn't get an answer.
I just got off the phone with them. I placed an order for a set. Be forwarned that they are sold as single cushions at $5.50 per, plus shipping and handling. Thanks again for the original heads up. Maybe the old H-43 cans will be a tad more comfortable.

CUL, Roger/K1TG

--- On Sun, 12/2/12, Steve Flood <kk7uv@bresnan.net> wrote:

From: Steve Flood <kk7uv@...>
Subject: RE: [AWA Group] Headset cushions?
To: AWAGroup@yahoogroups.com
Date: Sunday, December 2, 2012, 12:22 PM

These supposedly will fit….

MX-41/AR Cushions (NSN 5965-01-331-8708)

http://www.wilfan.net/styled-2/

Good Luck,
Steve KK7UV

7154. Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 19:39:58 UTC
From: N1BUG
Topic: 7109 Message: 7154

On 12/03/2012 07:32 AM, Eddy Swynar wrote:

it's near mind-boggling that a HB collection of 13 balloon envelope tubes has the ability to pick out 3-watt input (that's ONE WATT output, surely, in a self-excited rig!) signals from the middle of a busy band.

Hi Eddy,

I'm hopelessly behind on email & other stuff, hence the delay...

I think this is more of a project than I could take on for at least several years, but I am curious... where and when was this circuit published?

73,
Paul N1BUG

7155. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 19:42:46 UTC
From: Eddy Swynar
Topic: 7109 Message: 7155

On 2012-12-05, at 2:39 PM, N1BUG wrote:

> I think this is more of a project than I could take on for at least several years, but I am curious... where and when was this circuit published?

Hi Paul,

I believe it's in the January 2005 issue of the AWA's "OLD TIMER'S BULLETIN"...

~73~ de Eddy VE3CUI - VE3XZ
>
>

7156. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 21:11:54 UTC
From: Bauman, John
Topic: 7109 Message: 7156

Eddy,
You don't need 13 tubes to receive a 1-watt signal. A one tube regen is amazingly sensitive!

John
KB7NRN

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Wednesday, December 05, 2012 11:40 AM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Eddy - receiver building

On 12/03/2012 07:32 AM, Eddy Swynar wrote:
it's near mind-boggling that a HB collection of 13 balloon envelope tubes has the ability to pick out 3-watt input (that's ONE WATT output, surely, in a self-excited rig!) signals from the middle of a busy band.

Hi Eddy,

I'm hopelessly behind on email & other stuff, hence the delay...

I think this is more of a project than I could take on for at least several years, but I am curious... where and when was this circuit published?

73,
Paul N1BUG

7157. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 21:32:31 UTC
From: N1BUG
Topic: 7109 Message: 7157

Thanks Eddy,

I believe that back issue is available. Out of curiosity I will order one.

73,
Paul

Hi Paul,

I believe it's in the January 2005 issue of the AWA's "OLD TIMER'S BULLETIN"...

~73~ de Eddy VE3CUI - VE3XZ

7158. Re: [AWA Group] Re: 865 follow-up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 21:37:03 UTC
From: N1BUG
Topic: 4911 Message: 7158

On 12/05/2012 10:39 AM, ab9zg@... wrote:

> However if half a dozen show up per year, thats good enough for
> me, especially since they sell for as little as $0.50.

Jon, I won't ask you to give away your secrets to the competition (me), but are you saying you see half a dozen *UX*-865 on eBay in a year? If you are, I'm definitely lacking in the technique department. The one I just bought is the *only* one I've seen in the last year.

73,
Paul N1BUG

7159. OT but cool. 1936 Chevy assembly line video

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 22:06:02 UTC
From: Bauman, John
Topic: 4911 Message: 7159

http://www.dump.com/assemblyline/

Cool video of 1936 Chevrolet assembly line.

John
KB7NRN

_____
Please visit ATI's all-new website: www.atimetals.com

7160. Any plans to be on the air before Saturday evening? 73, Niel - W0VLZ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-05 23:42:53 UTC
From: Louis Vermond
Topic: 7160 Message: 7160

2340Z

Niel,

Yes, this evening and tomorrow night.

SKED?

73, Lou

7162. Re: [AWA Group] OT but cool. 1936 Chevy assembly line video

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-06 02:08:26 UTC
From: Louis Vermond
Topic: 4911 Message: 7162

Thank you, John. The quality of the film making was phenomenal. Lou

7163. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: Re: [AWA Group] OT but cool. 1936 Chevy assembly line video

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-06 03:40:37 UTC
From: Bauman, John
Topic: 4911 Message: 7163

You're welcome Lou.
Yes, I noticed the camera work and composition was first rate too.

Thank you, John. The quality of the film making was phenomenal. Lou

7164. The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-06 18:36:14 UTC
From: Eddy Swynar
Topic: 7164 Message: 7164

OK Guys,

If you would, please, what's everyone's strategy going to be for the coming weekend...?

Is the majority gonna lead-off on 160-meters, or are you all going to wait to see if the proverbial water's fine, by beginning on 80-meters, & listening-in once in awhile to Topband...?

I'm curious, because my operation the 1.8-MHz could well require my physically moving the transmitter into my main "Studio A", to take advantage of all the Topband antenna goodies that I can access there. If not too many have 160-meter capabilities, I'll be more than happy to just leave things as they are in Studio B, & use basically what I used last weekend (Studio B: 1/2-wave inverted V at 50', HB 13-tube superheterodyne receiver---Studio A: 3-element steerable phased triangular transmitting array, two K9AY loops, 1,500' Beverage, receive portion of Icom 751A transceiver).

Should be a blast, no matter what!

I just checked the ARRL "Contest Corral", and sure enough, the BK Affair is actually listed therein! And the only really big contest this weekend---besides our own QSO Party, of course!---is the ARRL 10-meter event...

~73~ de Eddy VE3CUI - VE3XZ

7165. Re: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-06 19:50:55 UTC
From: Roger Kuchera
Topic: 7164 Message: 7165

What in the world is "deux?" Were not talking about Mallards or Peking type are we?

Roger.

--- On Thu, 12/6/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@...>
Subject: [AWA Group] The BK Affair: PART DEUX
To: AWAGroup@yahoogroups.com
Date: Thursday, December 6, 2012, 1:36 PM

OK Guys,

If you would, please, what's everyone's strategy going to be for the coming weekend...?

Is the majority gonna lead-off on 160-meters, or are you all going to wait to see if the proverbial water's fine, by beginning on 80-meters, & listening-in once in awhile to Topband...?

I'm curious, because my operation the 1.8-MHz could well require my physically moving the transmitter into my main "Studio A", to take advantage of all the Topband antenna goodies that I can access there. If not too many have 160-meter capabilities, I'll be more than happy to just leave things as they are in Studio B, & use basically what I used last weekend (Studio B: 1/2-wave inverted V at 50', HB 13-tube superheterodyne receiver---Studio A: 3-eleme! nt steerable phased triangular transmitting array, two K9AY loops, 1,500' Beverage, receive portion of Icom 751A transceiver).

Should be a blast, no matter what!

I just checked the ARRL "Contest Corral", and sure enough, the BK Affair is actually listed therein! And the only really big contest this weekend---besides our own QSO Party, of course!---is the ARRL 10-meter event...

~73~ de Eddy VE3CUI - VE3XZ

7166. Re: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-06 19:58:16 UTC
From: Eddy Swynar
Topic: 7164 Message: 7166

On 2012-12-06, at 2:50 PM, Roger Kuchera wrote:

> What in the world is "deux?" Were not talking about Mallards or Peking type are we?
>
>
>
>

Roger, Roger, Roger...!!!

What's to be done with you...? You poor, uncultured, overly-sheltered child...!

Have you never heard of, never mind seen, that Charlie Sheen movie of the early 90's called "HOT SHOTS: PART DEUX"...?!

You REALLY have to get away from the radio a little more often & expose yourself to some of the cultural "classics"...! It'll expand your horizons, as well as your mind... : o)

~73~ de Eddy VE3CUI - VE3XZ

7167. Re: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-06 20:02:39 UTC
From: Roger Kuchera
Topic: 7164 Message: 7167

--- On Thu, 12/6/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@...>
Subject: Re: [AWA Group] The BK Affair: PART DEUX
To: AWAGroup@yahoogroups.com
Date: Thursday, December 6, 2012, 2:58 PM

On 2012-12-06, at 2:50 PM, Roger Kuchera wrote:

What in the world is "deux?" Were not talking about Mallards or Peking type are we?

Roger, Roger, Roger...!!!

What's to be done with you...? You poor, uncultured, overly-sheltered child...!

Have you never heard of, never mind seen, that Charlie Sheen movie of the early 90's called "HOT SHOTS: PART DEUX"...?!

You REALLY have to get away from the radio a little more often & expose yourself to some of the cu! ltural "classics"...! It'll expand your horizons, as well as your mind... : o)

~73~ de Eddy VE3CUI - VE3XZ

7168. RE: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-06 20:20:01 UTC
From: Steve Flood
Topic: 7164 Message: 7168

Not much point in topbanding here until full darkness. And 40m has some life in it until then.

My plan (subject to change):

40m for the first hour (2300-2400),

80m for an hour, (2400-0100)

Then 160m for an hour (0100-0200z).

If 160 keeps some activity, I'll stay there for a while longer. Otherwise, back to 80m, but checking back on 160 periodically.

I get the feeling from the chat on this forum over the past weeks that maybe 8 to 10 of us plan to try 160???

Steve, KK7UV

7169. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: RE: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-06 20:32:45 UTC
From: Bauman, John
Topic: 7164 Message: 7169

"I get the feeling from the chat on this forum over the past weeks that maybe 8 to 10 of us plan to try 160???

Steve, KK7UV"

I'll be there, QRS and all!

John
KB7NRN

7170. Re: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-06 20:47:41 UTC
From: N1BUG
Topic: 7164 Message: 7170

I have a feeling I have worked about everyone I can on 40m. Not many!
I have a feeling I have missed many on 80m.
I have a feeling there won't be that many of us on 160m.

Sadly, though this is supposed to be a fun party, that contester disease in me keeps flaring up. Unless I hear of particular activity periods, I will probably start and stay on 80 most of the time, frequently checking 160 for activity. I can change bands in about 5 minutes.

Rough go on the receiver choice this time though. I have not worked ZL9HR on 160 or 80 and will be very hesitant to move the FT-2000 if that is still the case by Saturday.

By the way, we made it into the contest listings at contesting.com too.

73,
Paul N1BUG

7171. Re: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-06 21:33:40 UTC
From: Eddy Swynar
Topic: 7164 Message: 7171

On 2012-12-06, at 3:47 PM, N1BUG wrote:

> I have a feeling I have worked about everyone I can on 40m. Not many!
> I have a feeling I have missed many on 80m.
> I have a feeling there won't be that many of us on 160m.
>
> Sadly, though this is supposed to be a fun party, that contester disease in me keeps flaring up. Unless I hear of particular activity periods, I will probably start and stay on 80 most of the time, frequently checking 160 for activity. I can change bands in about 5 minutes.
>
> Rough go on the receiver choice this time though. I have not worked ZL9HR on 160 or 80 and will be very hesitant to move the FT-2000 if that is still the case by Saturday.
>
> By the way, we made it into the contest listings at contesting.com too.
>
>

Hi Paul et al,

I think I'm going to start out on 160 here---barring any "new blood" that might appear this second weekend, I think 80-meters is just about (but not quite!) all milked-out here---but we'll see. As for 40, well, I think I let it stand as strictly a day time band...

One thing for sure: ANY QSOs on 160-meters will be "good" ones for the overall total! I hope that MORE than a few of us are secretly plotting to try it...

~73~ de Eddy VE3CUI - VE3XZ

7172. Re: The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-06 23:41:51 UTC
From: STEVE MCDONALD
Topic: 7164 Message: 7172

Hi John - sorry we could no complete our QSO last Sunday on 40m....what I was trying to get from you was the 'Year' of your Hartley but for some reason you were unable to copy me very well.

Steve / VE7SL See you on 160!

>I'll be there, QRS and all!

>John
>KB7NRN

Yahoo! Groups Links

7173. [AWA Group] Re: 865 follow-up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 03:02:14 UTC
From: ab9zg@ymail.com
Topic: 4911 Message: 7173

Well, I saw four of the RCA globe UX-865 and two of the globe Sylvania's that you don't like. I set ebay to email me whe certain tube types are listed.

While I definitely prefer it if a tube actually dates to the 1920's, I'm not as strict as you and will use any tube if the bulb shape is the same.

--- In AWAGroup@yahoogroups.com, N1BUG <paul@...> wrote:
>
> On 12/05/2012 10:39 AM, ab9zg@... wrote:
>
> > However if half a dozen show up per year, thats good enough for
> > me, especially since they sell for as little as $0.50.
>
> Jon, I won't ask you to give away your secrets to the competition
> (me), but are you saying you see half a dozen *UX*-865 on eBay in a
> year? If you are, I'm definitely lacking in the technique
> department. The one I just bought is the *only* one I've seen in the
> last year.
>
> 73,
> Paul N1BUG
>

7174. Antique Wieless Association 1929 QSO Party: Topband Edition

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 12:23:23 UTC
From: Eddy Swynar
Topic: 7174 Message: 7174

Hi Guys,

Well, I sure do hope that there's going to be a fair-sized contingency of us making our presence known to any & all comers on 160-meters this weekend...!

Otherwise, I'll have put my foot way, instalment deep into my big fat mouth, what with this e-mail that I've sent-out this morning to the Topband, Glowbugs, AM Radio, and Ham Radio History reflectors...!

~73~ de Eddy VE3CUI - VE3XZ

****

Good Day All,

Well, if you're at all historically-minded, and the coming 10-meter contest is not your thing, why not sit back & relax this weekend, and listen for the participants in this the second (and final) instalment of The Antique Wireless Association's 1929 QSO Party...?

2012 is an eventful occasion in that this is the very first year that operation on 160-meters has been authorized. To that end, it is everyone's intention to remain just in the 1800- to 1810-KHz portion of the band, so as to minimize the impact of our presence upon regular operations on 160.

But never fear: participants are limited to a maximum input of just 20-watts from midnight to dawn, and only 10-watts the rest of the time...besides, it takes a LOT of tubing to add 160 to one's oscillator tank, and the expense of copper alone will doubtlessly keep many would-be contenders at bay...!

If you've never heard what signals from the "...Roaring 20s" sounded like, you're in for a real treat. Forget about your Elekraft K-3s, and your software defined radios: the signals you'll be hearing will all emanate "...analog-ically"(!) from 1929 (and earlier) vacuum tubes (do the monikers 210, 227, 245, 211, or 203A mean anything to you...?!). And the quality of these signals will run the entire gamut from "mild", to "wild"---chirps, yoops, buzzes, growls...well, the list goes on. Suffice it to say that whatever RF might be squeezed out of a self-excited oscillator transmitter of the Hartley, TNT, TPTG, Colpitts, MOPA, etc., design, you're bound to hear it from 6:00 PM EST this coming Saturday, to 6:00 PM EST Sunday.

Interested enough for more info...? Click onto this site for all of the details: http://www.antiquewireless.org/pdf/kelley_rules.pdf

It goes without saying, of course, that if you happen to be harbouring a "retro-relic" from 1929 in your cache of goodies, by all means feel free to join the fray---only don't expect anything even approaching a run rate of 4 QSOs per minute! (It's more like 4 minutes per QSO! Hi Hi)

Thanks in advance for accommodating our presence on the band---we sincerely hope that you might get a tickle from listening to signals this weekend that doubtlessly would have made your father (or grandfather!) beam with pride...

~73~ de Eddy VE3CUI - VE3XZ

7175. BK energy expended

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 15:37:12 UTC
From: Roger Kuchera
Topic: 7175 Message: 7175

Gentlemen,
While I am not personally a "29er" I do admire your energy. I hope you will save some of it for the Cundall test next month.

I'm not sure that being called "uncultured" re: my Mallard deux comment is good, I would like to let you know that my dog is named "Phydeaux." See, I have culture!

CUL, Roger/K1TG

7176. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Re: The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 15:46:05 UTC
From: Bauman, John
Topic: 7164 Message: 7176

Steve,
There was some QSB, that coupled with the wind shifting freq and my slow speed copy, it all made a hard go for me
I knew you were asking about the TX but couldn't quite get what you wanted to know.

The TX year is something I've struggled with too. I mean Hartley invented the circuit in 1915. Is that what I'm supposed to
give? My TX is not built to any one design or article, just what parts I had on hand that was close enough and layout is
opposite to most Hartley TXs of the period. Not really knowing how to answer the question of year, I figured to give the type
of TX and let it go at that. If the group can help me with the year then I'll use it this weekend.

As for my CW skills, I've tried for over 20 years to improve my copy speed but to no avail. I'm a slow speed, straight key
CW op and given my age, probably always will be. I do enjoy CW with homebrew rigs. I don't do CW with modern gear
because there's little challenge, therefore little fun in it.

So now you know. 8^)

See you this weekend on the bands (hopefully the wind isn't blowing too much)!
John
KB7NRN

"Hi John - sorry we could no complete our QSO last Sunday on 40m....what I was trying to get from you was the 'Year' of your Hartley but for some reason you were unable to copy me very well.

Steve / VE7SL See you on 160!

>I'll be there, QRS and all!

>John
>KB7NRN"

7177. Re: [AWA Group] BK energy expended

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 15:49:29 UTC
From: Louis Vermond
Topic: 7175 Message: 7177
Attachments: 1 described; binary payloads are missing from this source WARC

See, I have culture!

He's right, Boys. Googled K1TG and this is what popped up.

7178. RE: [AWA Group] BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 15:54:57 UTC
From: barry whittemore
Topic: 7110 Message: 7178

Larry,
sorry for the late reply but i just got things together and it seems to be working. (bright light on TX) so i think i am ready for an on air try if you are around. If not thats OK ill try during the contest. 40 only as thats all i have coil for right now. I may have to make up one for 80 next time.
Thanks
barry
NF1O
To: AWAGroup@yahoogroups.com
From: ne1s@securespeed.us
Date: Mon, 3 Dec 2012 09:42:08 -0500
Subject: Re: [AWA Group] BK QSO party help

On 12/3/12 8:00 AM, barry whittemore
wrote:

Now, my question

without a QRP watt meter, how can i be sure that i am
coupling my whopping 7 watt signal into the antenna in the
best way? I also do not have any old time test equip.

I do have some modern test equip.

Thanks and 73

Barry

NF1O

Hi Barry ,

Try a pilot lamp or flashlight bulb in series with the coax center
conductor at the transmitter. Optimize for max brilliance, back off
from max if the note is too scary. Then short out the bulb for
normal use.

To get optimal results with link coupling you should have a fairly
large (electrically) variable C in series with the loop. The best
way to do this is with a 3 section air variable, all 3 sections in
parallel. Rotor/frame goes to ground/coax shield, and the parallel
stators go to the "bottom" of your link, where your coax shield is
used to be connected. This will help you resonate the system (i.e.,
tune out reactance) and transfer max power to the antenna. Your
parameters are now the setting of this air variable, distance of the
link from the tank coil, and number of turns (i.e., where you tap)
the link coil. Whereas you can transfer power without the series

cap, I've never been able to get maximum possible transfer of power without it. Every adjustment will affect the frequency somewhat so you'll have to tweak the transmitter back on frequency once you get everything set.

If you are available to try a sked sometime this week - probably morning would favor the best propagation between us - let me know.

73,

-Larry/NE1S

7179. Re: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Re: The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 15:55:52 UTC
From: Louis Vermond
Topic: 7164 Message: 7179
Attachments: 1 described; binary payloads are missing from this source WARC

Is this your Hartley, John?

7180. Re: [AWA Group] BK energy expended

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 16:11:08 UTC
From: Roger Kuchera
Topic: 7175 Message: 7180

MGY survivor?

--- On Fri, 12/7/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] BK energy expended
To: AWAGroup@yahoogroups.com
Date: Friday, December 7, 2012, 10:49 AM

See, I have culture!

He's right, Boys. Googled K1TG and this is what popped up.

7181. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Re: The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 16:17:03 UTC
From: Steve Flood
Topic: 7164 Message: 7181

Not really knowing how to answer the question of year, I figured to give the type of TX and let it go at that.

You can give the year of your tube John. (Using a 245, aren't you?) Just use "29Hartley" -- (I think it appeared in 29 anyway.)

I'm a slow speed, straight key CW op and given my age, probably always will be.

I'll bet that's just fine for everyone on this forum and in the B-K. Don't worry about it. I enjoyed our QSOs!

Steve, 7UV

7182. RE: [AWA Group] BK energy expended

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 16:23:29 UTC
From: Steve Flood
Topic: 7175 Message: 7182

>MGY Survivor?

Probably the 'cultured' guy that snuck onto a lifeboat leaving a woman or child to perish.

7183. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 16:51:10 UTC
From: N1BUG
Topic: 7109 Message: 7183

You don’t need 13 tubes to receive a 1-watt signal. A one tube regen is amazingly sensitive!

Admittedly I haven't used a regen for many years, but I'm betting the reason people don't use them more isn't a matter of sensitivity, but selectivity. In the BK last weekend, there were times I had the bandwidth on my modern receiver cranked down to 200 Hz to pull someone out of the QRM. I can't imagine it being possible with a regen.

73,
Paul N1BUG

7184. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 16:57:24 UTC
From: Louis Vermond
Topic: 7109 Message: 7184

I can't imagine it being possible with a regen. Your ear becomes the filtre, Paul.

7185. Re: [AWA Group] BK energy expended

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 17:00:12 UTC
From: Eddy Swynar
Topic: 7175 Message: 7185

On 2012-12-07, at 10:37 AM, Roger Kuchera wrote:
>
> I'm not sure that being called "uncultured" re: my Mallard deux
> comment is good, I would like to let you know that my dog is named
> "Phydeaux." See, I have culture!
>

Oh, Roger...!

I'm only joshing with you...!

Do I REALLY think that that movie I referenced has any "culture"...?

Hardly!

My gosh, a tablespoon of yogurt has more "culture" than Charlie Sheen could EVER aspire to having...!!!

I hope you weren't seriously offended by anything I said earlier---if you were, then *I* should be cross with *you* that you'd honestly think that I believe in my heart of hearts that Charlie Sheen is some sort of a cultural icon for our times(!)...

Brrrrr...!!! (That's just me, trying to shake that one off! Hi Hi).

~73~ de Eddy VE3CUI - VE3XZ

7186. RE: [TO OLD ADDRESS]: Re: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Re: The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 17:08:02 UTC
From: Bauman, John
Topic: 7164 Message: 7186
Attachments: 3 described; binary payloads are missing from this source WARC

That's the old one Lou, I rebuilt it useing a 245 tube as Steve said.
See attchements.

Ok so '29 it is.

John

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond [ldvermond@sympatico.ca]
Sent: Friday, December 07, 2012 7:55 AM
To: AWAGroup@yahoogroups.com
Subject: [TO OLD ADDRESS]: Re: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Re: The BK Affair: PART DEUX

□

Is this your Hartley, John?
[cid:BFFAB812B8D7460B84E7079A8A0972C1@HERTHA]

7187. Re: [TO OLD ADDRESS]: Re: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Re: The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 17:20:27 UTC
From: Louis Vermond
Topic: 7164 Message: 7187

That's the old one Lou, I rebuilt it useing a 245 tube as Steve said.
See attchements.

Ok so '29 it is.

Nicely done, John. No stretch of credibility there.

Forget '29. Focusing on the Air-Gap socket, your Hartley's a '27.... and why not? :0)

Wish I were on 40 this year to work you.

73, Lou
VE3AWA

7188. its alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 17:42:43 UTC
From: barry whittemore
Topic: 7188 Message: 7188

Well my 29er has made its first QSO. I got the RF coupled to the antenna and it looks good. I worked K1KXN (A friend) with it. he said it was hard to copy because i drifted a bit and it didnt sound like my Elecraft K3.
He was using a TS-590. Its in the logs so i hope to make a few QSOs in the rest of BK. Likely all on Sun AM.

hope some will be on 40. i was on 7.115ish.
73 and thanks for the help
Barry
NF1O

7189. RE: [AWA Group] its alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 17:47:07 UTC
From: barry whittemore
Topic: 7188 Message: 7189
Attachments: 1 described; binary payloads are missing from this source WARC

here is a pic of my TX etc.
Barry
NF1O

To: awagroup@yahoogroups.com
From: wb1edi@...
Date: Fri, 7 Dec 2012 12:42:43 -0500
Subject: [AWA Group] its alive

Well my 29er has made its first QSO. I got the RF coupled to the antenna and it looks good.
I worked K1KXN (A friend) with it. he said it was hard to copy because i drifted a bit and
it didnt sound like my Elecraft K3.
He was using a TS-590. Its in the logs so i hope to make a few QSOs in the rest of BK.
Likely all on Sun AM.

hope some will be on 40. i was on 7.115ish.
73 and thanks for the help
Barry
NF1O

7190. Re: [AWA Group] BK energy expended

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 19:27:44 UTC
From: Roger Kuchera
Topic: 7175 Message: 7190

No biggie. Just another humorous remark.

Roger.

--- On Fri, 12/7/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@xplornet.ca>
Subject: Re: [AWA Group] BK energy expended
To: AWAGroup@yahoogroups.com
Date: Friday, December 7, 2012, 12:00 PM

On 2012-12-07, at 10:37 AM, Roger Kuchera wrote:

I'm not sure that being called "uncultured" re: my Mallard deux
comment is good, I would like to let you know that my dog is named
"Phydeaux." See, I have culture!

Oh, Roger...!

I'm only joshing with you...!

Do I REALLY think that that movie I referenced has any "culture"...?

Hardly!

My gosh, a tablespoon of yogurt has more "culture" than Charlie Sheen could EVER aspire to having...!!!

I hope you weren't seriously offended by anything I said earlier---if you were, then *I* should be cross with *you* that you'd honestly think that I believe in my heart of hearts that Charlie Sheen is some sort of a cultural icon for our times(!)...

Brrrrr...!!! (That's just me, trying to shake that one off! Hi Hi).

~73~ de Eddy VE3CUI - VE3XZ

7191. RE: [AWA Group] BK energy expended

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 19:29:52 UTC
From: Roger Kuchera
Topic: 7175 Message: 7191

That would have been Bruce Ismay....don't ask me why I remember that.

Roger.

--- On Fri, 12/7/12, Steve Flood <kk7uv@...> wrote:

From: Steve Flood <kk7uv@...>
Subject: RE: [AWA Group] BK energy expended
To: AWAGroup@yahoogroups.com
Date: Friday, December 7, 2012, 11:23 AM

>MGY Survivor?

Probably the ‘cultured’ guy that snuck onto a lifeboat leaving a woman or child to perish.

7192. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 19:35:08 UTC
From: Daniel Petersen
Topic: 7109 Message: 7192

In the BK last weekend, there were times I had the bandwidth on my modern receiver cranked down to 200 Hz to pull someone out of the QRM. I can't imagine it being possible with a regen.

Don't underestimate the power of the filter system between your ears! 8^)
Dan - W7OIL

On Fri, Dec 7, 2012 at 8:57 AM, Louis Vermond <ldvermond@...>wrote:

> **
>
>
> **
> I can't imagine it being possible with a regen. Your ear becomes the
> filtre, Paul.
>
>
>

7193. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 19:56:06 UTC
From: Eddy Swynar
Topic: 7109 Message: 7193

On 2012-12-07, at 2:35 PM, Daniel Petersen wrote:

> In the BK last weekend, there were times I had the bandwidth on my modern receiver cranked down to 200 Hz to pull someone out of the QRM. I can't imagine it being possible with a regen.
>
> Don't underestimate the power of the filter system between your ears! 8^)
> Dan - W7OIL
>
>
> On Fri, Dec 7, 2012 at 8:57 AM, Louis Vermond <ldvermond@...> wrote:
>
>
> I can't imagine it being possible with a regen. Your ear becomes the filtre, Paul.
>
>

Hi Guys,

VERY true, indeed...!

My HB receiver uses the regeneration (controlled, of course) in the 2nd IF amplifier stage to achieve a modicum of single signal selectivity: however, when signals are "wobbulating" & otherwise are unsteady, what's a poor boy do...? A REALLY tight IF filter would make such "wanderers" unreadable, as they'd constantly be coming in & out of the receiver's pass band...

There's no selectivity like the God-given filter between your ears---but a multi-crystal lattice filter sure doesn't hurt by times, either...! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

PS: Paul (N1BUG), any luck with ZL9HR...? I have heard the mob calling them, but I have yet to copy THEIR signal at all here on Topband...

7194. RE: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 20:23:02 UTC
From: Steve Flood
Topic: 7109 Message: 7194

Mr. Dan!

Will you be on this weekend?????

7195. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 20:36:37 UTC
From: N1BUG
Topic: 7109 Message: 7195

There's no selectivity like the God-given filter between your ears---but a multi-crystal lattice filter sure doesn't hurt by times, either...! Hi Hi

OK guys, I'll accept your far superior experience. I do recall from using a regen way back that they can be somewhat less prone to "burying" a weak singal behind a strong one, due to having no annoyances like AGC, etc. I've had a good deal of experience using the filter between my ears to sort out signals, but there were times last weekend when the desired signal was S1 and 100 Hz from an S9+ signal that just didn't work for me. A 100 to 200 Hz receiver passband got the job done, though. Oh, and... one hand on the VFO! ;-)

PS: Paul (N1BUG), any luck with ZL9HR...? I have heard the mob calling them, but I have yet to copy THEIR signal at all here on Topband...

Not on topband! I've heard them 449-ish a few times but could not get through. For the most part, I've not been able to hear them due to yet another major local noise problem. It never ends... and it's too late/cold now to spend much more time trying to track this one down. I nearly got frostbite last time I ventured out into the wild hunting it!

I hear from reliable sources tomorrow is the last day for ZL9HR so I guess I will be able to "borrow" the FT-2000 for the BK again.

73,
Paul N1BUG

7196. Re: The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 20:37:06 UTC
From: ve7sl@shaw.ca
Topic: 7164 Message: 7196

FB John and thanks for the info. Let's try again on 40m tomorrow ...I should be there for a couple of hours right at the beginning of the Party, around 1500 local time and then move to 80m after sunset. Once I have played 80m out, which probably won't take long, I'll move down to 160 for the evening. Probably not much hope for E-W Transcons on 160 until at least 2000 local 2300 (EST).

Hopefully the high winds will not mess up my 40m signal for you as it did last weekend but I think the weather man and the AWA contest organizers are in cahoots as the wind always seems to turn-on full blast right at contest time.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7197. Re: [AWA Group] its alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 20:40:16 UTC
From: ve7sl@shaw.ca
Topic: 7188 Message: 7197

>here is a pic of my TX etc.

Nice Barry....any chance of a good close-up for my '29 web page Gallery of rigs?

http://members.shaw.ca/ve7sl/tnt.html

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7198. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 18:47:09 UTC
From: Bauman, John
Topic: 7109 Message: 7198
Attachments: 1 described; binary payloads are missing from this source WARC

Paul,
I guess it depends on what you're doing and what you're used to. I wouldn't use a regen in a real contest but you
can use a regen for casual CW work with very good results. A regen can often detect signals a modern receiver
can't. Shouldn't be a problem for the BK since it's a QSO party not a real contest.

You're right about selectivity tho, it would be hard to use on a crowded band. That said, earlier this year I put
a little station together with a homebrew three tube regen receiver and one tube TX. Made a bunch of contacts on 40 mtrs.
Lotsa fun! The T/R changeover was performed by knife switch! See attchment. Knife switch is to the right outside
the photo. I'm currently useing the knife switch with the 245 Hartley for the BK party.

When I was a novice, 22 years ago I used a WWII TCS-13 Navy set. The receiver was broad as a barn door,
no filters and just a BFO so both side bands came through. To top it all off, there was no side tone. When you
keyed down there was a loud KLANK from the TX when the two contactors inside accuated. I made 100s of QSOs
on the old Novice bands with that set. I got good sig reports after hotrodding it. I upped the plate voltage from
400vdc to 750vdc on the 1625s and got 90 watts out!

John
KB7NRN

From: AWAGroup@yahoogroups.com [AWAGroup@yahoogroups.com] On Behalf Of N1BUG [paul@...]
Sent: Friday, December 07, 2012 8:51 AM
To: AWAGroup@yahoogroups.com
Subject: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: Re: [AWA Group] Eddy - receiver building

You don’t need 13 tubes to receive a 1-watt signal. A one tube regen is amazingly sensitive!

Admittedly I haven't used a regen for many years, but I'm betting the reason people don't use them more isn't a matter of sensitivity, but selectivity. In the BK last weekend, there were times I had the bandwidth on my modern receiver cranked down to 200 Hz to pull someone out of the QRM. I can't imagine it being possible with a regen.

73,
Paul N1BUG

7199. Re: [AWA Group] Re: 865 follow-up

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 20:41:09 UTC
From: N1BUG
Topic: 4911 Message: 7199

On 12/06/2012 10:02 PM, ab9zg@... wrote:
> Well, I saw four of the RCA globe UX-865 and two of the globe Sylvania's
> that you don't like. I set ebay to email me whe certain tube types are
> listed.

Wow. That just boggles my mind. Obviously I'm not working hard
enough at it. I'll try to shape up! :)

73,
Paul N1BUG

7200. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 20:44:09 UTC
From: ve7sl@shaw.ca
Topic: 7109 Message: 7200

>Don't underestimate the power of the filter system between your ears! 8^)

I have to agree with Dan and Lou...I sometimes find it easier to hear weak signals in a wider bandwidth than with the tight filters...some ear / brain thing I guess. I know when I was using the regenerative Paraset, I had no difficulty in hearing the weakest signals amongst all of the QRM...besides, it's a lot more fun that way!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7201. last note on regens

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 20:49:08 UTC
From: N1BUG
Topic: 7201 Message: 7201

Forgot to add... I'll find out whether my cerebral processor is up to the task when I get my regen built! Looks like next year's project, now.

73,
Paul N1BUG

7202. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 20:49:19 UTC
From: Eddy Swynar
Topic: 7109 Message: 7202

Hi Steve,

Do you have serious aspirations of getting on 160-meters for the event...?

If so, when, specifically...?

It sure would be nice to "clean sweep" you out on the left coast on all three bands this year!

~73~ de Eddy VE3CUI - VE3XZ

PS: How about you, Lou (VE3AWA)...? I understand you don't have 40-meters there, but are you Topband-capable...? (BTW, VE3AUI just e-mailed me---he will NOT make an appearance this weekend...again. Sigh!)

7203. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Re: The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 20:51:22 UTC
From: Bauman, John
Topic: 7164 Message: 7203

Ok Steve, I should be there on 40 mtrs around 1500 and do the same. Then work my way down to 80 and 160 too.

John

On Behalf Of ve7sl@shaw.ca

FB John and thanks for the info. Let's try again on 40m tomorrow ...I should be there for a couple of hours right at the beginning of the Party, around 1500 local time and then move to 80m after sunset. Once I have played 80m out, which probably won't take long, I'll move down to 160 for the evening. Probably not much hope for E-W Transcons on 160 until at least 2000 local 2300 (EST).

Hopefully the high winds will not mess up my 40m signal for you as it did last weekend but I think the weather man and the AWA contest organizers are in cahoots as the wind always seems to turn-on full blast right at contest time.

Steve / 73

7204. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 20:53:44 UTC
From: ve7sl@shaw.ca
Topic: 7109 Message: 7204

Absolutely Eddy...in fact, KK7UV and I worked last year on 160 during the BK, just to test the water. I will be there from 0400Z, maybe earlier if 80m is played-out. Last year I worked N1BUG with the Hull Hartley down there so if condx are good, we should be able to do it. I have even heard Lou there during one of his test nights.

Steve / 73

Hi Steve,

Do you have serious aspirations of getting on 160-meters for the event...?

If so, when, specifically...?

It sure would be nice to "clean sweep" you out on the left coast on all three bands this year!

~73~ de Eddy VE3CUI - VE3XZ

PS: How about you, Lou (VE3AWA)...? I understand you don't have 40-meters there, but are you Topband-capable...? (BTW, VE3AUI just e-mailed me---he will NOT make an appearance this weekend...again. Sigh!)

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7205. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 20:55:04 UTC
From: Bill Stewart
Topic: 7109 Message: 7205

Hey Steve,
To add to this, take a look at the old CQ Mag. Novice columns. There were many pictures of burr-headed 10-11-12, etc year old kids glued to their cans, plugged into S-38s, S-53s, HB regens, etc making contacts like crazy. The Novice bands were busy back then...as some of us can attest. Youth probably helps with the best 'filtering' too, but ya know, like some of you guys, I can dig down pretty deep too..hi. However, Steve, during our BK contacts, I admit, I had to plug in the WW2 Beam filter to pull you thru...Bill K4JYS

----- Original Message -----
>Don't underestimate the power of the filter system between your ears! 8^)

I have to agree with Dan and Lou...I sometimes find it easier to hear weak signals in a wider bandwidth than with the tight filters...some ear / brain thing I guess. I know when I was using the regenerative Paraset, I had no difficulty in hearing the weakest signals amongst all of the QRM...besides, it's a lot more fun that way!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

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Yahoo! Groups Links

7206. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 21:01:32 UTC
From: Eddy Swynar
Topic: 7109 Message: 7206

On 2012-12-07, at 3:53 PM, <ve7sl@...> wrote:

> Absolutely Eddy...in fact, KK7UV and I worked last year on 160 during the
> BK, just to test the water. I will be there from 0400Z, maybe earlier if 80m
> is played-out. Last year I worked N1BUG with the Hull Hartley down there so
> if condx are good, we should be able to do it. I have even heard Lou there
> during one of his test nights.

Hi Steve,

Wow...! That's great...

And with the low solar flux numbers & low "A" index, maybe the band will be kind to us this weekend (this morning I even heard the western boys working "JA" & Siberia...I couldn't har the DX, but it was still encouraging).

Fingers crossed here!

~73~ de Eddy VE3CUI - VE3XZ

And wu=ith the low "A": index & low solar flux numbers, maybe the band will be kind to us all this weekend._,_._,___

7207. 160 this weekend

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 21:09:22 UTC
From: N1BUG
Topic: 7207 Message: 7207

Hey Guys...

If my current noise status holds, I will be VERY hard pressed to hear ANYONE above 1806 kHz or so. Please look for me below that! Hopefully it will QSY up a bit as it often does, but right now and for the last 36 hours or so, 1807 to 1835 is completely obliterated by noise.

73,
Paul N1BUG

7208. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 21:12:13 UTC
From: ve7sl@shaw.ca
Topic: 7109 Message: 7208

> However, Steve, during our BK contacts, I admit, I had to plug in the WW2
> Beam filter to pull you thru...Bill K4JYS

Yes...your signal was not as dominant here last weekend as it was over the past two BKs when (if I recall correctly) you were running even lower power. I think the prop was more E-W and longer than what we have been used to as well. I wonder how different it will be this weekend.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7209. 160-Meter Operations

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 21:17:24 UTC
From: Eddy Swynar
Topic: 7109 Message: 7209

Boy-O-Boy...

All this Topband talk has convinced me to move the MOPA into my Studio A for purposes of 160-meters only...!

I'll miss not using the HB receiver, but it'll be just for this band.

Should be very interesting to see if the antennas that I have here dedicated for both transmitting as well as receiving 1.8-MHz RF will give me any sort of a legs-up in the event...I VERY rarely ever work less than a kilowatt here, so it should be (hopefully) a revelation as to what, exactly, low power can accomplish on 160...

Can't wait to see & confirm!

~73~ de Eddy VE3CUI - VE3XZ

7210. Re: [AWA Group] Eddy - receiver building

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-07 23:35:34 UTC
From: Louis Vermond
Topic: 7109 Message: 7210

PS: How about you, Lou (VE3AWA)...? I understand you don't have 40-meters there, but are you Topband-capable...? I'm not, but will be monitoring the activity for, I hope, inspiration for next yr. Lou

7211. Re: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Re: The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 01:33:37 UTC
From: Larry Szendrei
Topic: 7164 Message: 7211

On 12/7/12 11:17 AM, Steve Flood wrote:
>
> I’m a slow speed, straight key CW op and given my age, probably always
> will be.
>
> I’ll bet that’s just fine for /_everyone_/__ on this forum and in the
> B-K. Don’t worry about it. I enjoyed our QSOs!
>
>
Certainy fine with me, too. I also am a slow-speed, straight key CW op. But my CW copying ability was a lot slower before I started operating the 1929 contest around 14 years ago. Participating, which is nearly the only CW I work all year long, has steadily improved my CW ability over the years, up to the point where my annual ragchew with K1TMJ during the contest takes a lot less effort, with much more solid copy, than it used to be when I started. And it's a fun way to "practice," i.e., not a chore. Quite the opposite, in fact.

I worked exclusively CW as a Novice, of course, and crammed/psyched myself up enough to honestly squeak through the 20wpm xtra exam, but then was pretty much off CW for 10 years until I started doing the 1929 QSO Party.

I share John's take on operating CW with modern gear - heck, even using one of my Viking I's or a Ranger on CW doesn't float my boat. When I'm on CW it will almost always be with one of the '29 rigs or the tritet. Of course, I'm not trying to work TImbuktu, either.

73,
-Larry/NE1S

7212. Re: [AWA Group] BK QSO party help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 01:54:31 UTC
From: Larry Szendrei
Topic: 7110 Message: 7212

On 12/7/12 10:54 AM, barry whittemore wrote:
>
>
> Larry,
> sorry for the late reply but i just got things together and it seems
> to be working. (bright light on TX) so i think i am ready for an on
> air try if you are around. If not thats OK ill try during the contest.
> 40 only as thats all i have coil for right now. I may have to make up
> one for 80 next time.
> Thanks
> barry
> NF1O
> ---
>
Sorry I missed the opportunity of your test, Barry. I had no internet service all day, then we went over to my Mom's for our weekly visit with her around mid-afternoon. Internet was back when I got home around 7:00PM. Just catching up on my Emails now.

I see further down the inbox that you had a successful QSO with the rig, congrats! I'm having second thoughts about staying off 40M this weekend; after all, 80M and 160M will be dead for most of the contest during the day Sunday, so may catch you on 40M tomorrow or Sunday. Changing the Hartley from 80M to 40M and back again won't take that long...

73,
-Larry/NE1S

7213. Reverse Beacons

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 02:14:30 UTC
From: Bill Stewart
Topic: 7213 Message: 7213

GE guys,

After calling CQ on 160 for over an hour....using the Meissner, so didn't mind listening to myself... and no takers, got to wondering if the 'lil rig was working. Well, I remembered someone mentioning the Reverse Beacon Network. I found them and ran my call and lo and behold I was getting into several of ' em. Two questions, under the column SNR, and a value of 6db, does that mean my signal was 6db above that stations noise floor? Can that value be translated into S units? Pretty neat hi-tech system. See y'all in the BK...73 de Bill K4JYS

7214. RE: [TO OLD ADDRESS]: Re: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Re: The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 04:29:17 UTC
From: Bauman, John
Topic: 7164 Message: 7214

Thanks for the encouragment Larry!

John,
KB7NRN

_____
On Behalf Of Larry Szendrei [ne1s@...]

I’m a slow speed, straight key CW op and given my age, probably always will be.
I’ll bet that’s just fine for everyone on this forum and in the B-K. Don’t worry about it.
I enjoyed our QSOs!

Certainy fine with me, too. I also am a slow-speed, straight key CW op. But my CW copying ability was a lot slower before I started operating the 1929 contest around 14 years ago. Participating, which is nearly the only CW I work all year long, has steadily improved my CW ability over the years, up to the point where my annual ragchew with K1TMJ during the contest takes a lot less effort, with much more solid copy, than it used to be when I started. And it's a fun way to "practice," i.e., not a chore. Quite the opposite, in fact.

I worked exclusively CW as a Novice, of course, and crammed/psyched myself up enough to honestly squeak through the 20wpm xtra exam, but then was pretty much off CW for 10 years until I started doing the 1929 QSO Party.

I share John's take on operating CW with modern gear - heck, even using one of my Viking I's or a Ranger on CW doesn't float my boat. When I'm on CW it will almost always be with one of the '29 rigs or the tritet. Of course, I'm not trying to work TImbuktu, either.

73,
-Larry/NE1S

7215. Re: [AWA Group] Reverse Beacons

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 12:23:33 UTC
From: N1BUG
Topic: 7213 Message: 7215

Hi Bill,

Hopefully someone who really knows the answer will chime in here, but... The SNR column is signal to noise ratio, so supposedly 6 dB means you are 6 dB above the noise. But I am always skeptical of S/N calculated by software. One very popular program for weak signal digital modes reports S/N in negative numbers... yet a signal at MINUS 25 dB is readily discernable by ear. It's all in how the computation is done and what the reference is. I spent a few minutes looking around, but could not find any documentation on how CW Skimmer (the software behind the reverse beacons) does the calculation. Nevertheless, the reverse beacons are useful! It's a shame there aren't more of them in other places. Looking at the list of them currently online, North America and Europe are well represented. Outside that, they get pretty thin! I see 3 or 4 in Japan, one in Australia, and one in New Zealand.

On the subject of S units... the question becomes what is an S unit? I believe the original standard was 6 dB per S unit, so 6 dB = 1 S unit above noise, 18 dB = 3 S units above noise, etc. But most receiver S meters are far from that standard. I've seen some where a 1 dB change resulted in 1 S unit change on the meter and some where 15 dB change resulted in 1 S unit change on the meter. Mine was properly calibrated at one time, but it has been several years and has probably wandered off. I'm too lazy to go through that calibration procedure again. :)

73,
Paul N1BUG

On 12/07/2012 09:14 PM, Bill Stewart wrote:

GE guys,

After calling CQ on 160 for over an hour....using the Meissner, so didn't mind listening to myself... and no takers, got to wondering if the 'lil rig was working. Well, I remembered someone mentioning the Reverse Beacon Network. I found them and ran my call and lo and behold I was getting into several of 'em. Two questions, under the column SNR, and a value of 6db, does that mean my signal was 6db above that stations noise floor? Can that value be translated into S units? Pretty neat hi-tech system. See y'all in the BK...73 de Bill K4JYS

7216. RE: [AWA Group] its alive

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 15:19:14 UTC
From: Mike Feher
Topic: 7188 Message: 7216

Barry -

A very impressive set-up. I was surprised to see the SE-1444A in it. They are not common. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of barry whittemore
Sent: Friday, December 07, 2012 12:47 PM
To: awa
Subject: RE: [AWA Group] its alive

here is a pic of my TX etc.
Barry
NF1O

To: awagroup@yahoogroups.com
From: wb1edi@...
Date: Fri, 7 Dec 2012 12:42:43 -0500
Subject: [AWA Group] its alive

Well my 29er has made its first QSO. I got the RF coupled to the antenna and it looks good. I worked K1KXN (A friend) with it. he said it was hard to copy because i drifted a bit and it didnt sound like my Elecraft K3. He was using a TS-590. Its in the logs so i hope to make a few QSOs in the rest of BK. Likely all on Sun AM.

hope some will be on 40. i was on 7.115ish.
73 and thanks for the help
Barry
NF1O

7217. Re: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 16:25:11 UTC
From: Larry Szendrei
Topic: 7164 Message: 7217

Hi Steve and 1929 BK enthusiasts,

Your plan (below) looks good to me, so I plan to follow it as well. Since you were quite loud on 40M here last week in the first hour (I'm pretty sure that's when I heard you), look for me then/there, somewhere between 7100 and 7120 Kc/s.

I have moved the PP TNT up to 160M and the Hartley down to 40M. Switching the Hartley back to 80M between hour-1 and hour-2 will take about 10 minutes.

73,
-Larry/NE1S

On 12/6/12 3:20 PM, Steve Flood wrote:
>
> Not much point in topbanding here until full darkness. And 40m has
> some life in it until then.
>
> My plan (subject to change):
>
> 40m for the first hour (2300-2400),
>
> 80m for an hour, (2400-0100)
>
> Then 160m for an hour (0100-0200z).
>
> If 160 keeps some activity, I'll stay there for a while longer.
> Otherwise, back to 80m, but checking back on 160 periodically.
>
> I get the feeling from the chat on this forum over the past weeks that
> maybe 8 to 10 of us plan to try 160???
>
> Steve, KK7UV
>
>

7218. RE: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 17:07:30 UTC
From: Steve Flood
Topic: 7164 Message: 7218

>>>loud on 40M here last week in the first hour (I'm pretty sure that's when I heard you), look for me then/there, somewhere between 7100 and 7120 Kc/s.

Excellent Larry. I will be listening intently for your call.

73, Steve KK7UV

7219. RE: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 17:14:28 UTC
From: barry whittemore
Topic: 7164 Message: 7219

I will only be able to get on in the early AM and 40 only as that is all i have at the moment. I hope someone is around then
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: kk7uv@...
Date: Sat, 8 Dec 2012 10:07:30 -0700
Subject: RE: [AWA Group] The BK Affair: PART DEUX

>>>loud on 40M here last week in the first hour (I'm pretty sure that's when I heard you), look for me then/there, somewhere between 7100 and 7120 Kc/s.

Excellent Larry. I will be listening intently for your call.73, Steve KK7UV

7220. Re: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 17:17:34 UTC
From: N1BUG
Topic: 7164 Message: 7220

On 12/08/2012 12:14 PM, barry whittemore wrote:

I will only be able to get on in the early AM and 40 only as that is all i have at the moment. I hope someone is around then

How early? I will be on 40 during the daylight hours, but I doubt you and I will have propagation until the sun has been up a while. At night the band goes way to long.

73,
Paul N1BUG

7221. Re: [AWA Group] 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 17:20:56 UTC
From: N1BUG
Topic: 7164 Message: 7221

Since we've got a few looking at 0100-0200z for 160, I will be there at that time. I will also check at other times, including, possibly earlier if there isn't much to work on 40/80 and/or just before my sunrise. Sunrise is 1200z.

73,
Paul N1BUG

On 12/08/2012 11:25 AM, Larry Szendrei wrote:

Hi Steve and 1929 BK enthusiasts,

Your plan (below) looks good to me, so I plan to follow it as well. Since you were quite loud on 40M here last week in the first hour (I'm pretty sure that's when I heard you), look for me then/there, somewhere between 7100 and 7120 Kc/s.

I have moved the PP TNT up to 160M and the Hartley down to 40M. Switching the Hartley back to 80M between hour-1 and hour-2 will take about 10 minutes.

73,
-Larry/NE1S

On 12/6/12 3:20 PM, Steve Flood wrote:

Not much point in topbanding here until full darkness. And 40m has some life in it until then.

My plan (subject to change):

40m for the first hour (2300-2400),

80m for an hour, (2400-0100)

Then 160m for an hour (0100-0200z).

If 160 keeps some activity, I'll stay there for a while longer. Otherwise, back to 80m, but checking back on 160 periodically.

I get the feeling from the chat on this forum over the past weeks that maybe 8 to 10 of us plan to try 160???

Steve, KK7UV

7222. RE: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 17:31:02 UTC
From: barry whittemore
Topic: 7164 Message: 7222

ill be on from about dawn and on. I heard you fairly early last week
barry

To: AWAGroup@yahoogroups.com
From: paul@...
Date: Sat, 8 Dec 2012 12:17:34 -0500
Subject: Re: [AWA Group] The BK Affair: PART DEUX

On 12/08/2012 12:14 PM, barry whittemore wrote:

I will only be able to get on in the early AM and
40 only as that is all i have at the moment. I hope someone is
around then

How early? I will be on 40 during the daylight hours, but I doubt
you and I will have propagation until the sun has been up a while.
At night the band goes way to long.

73,

Paul N1BUG

7223. Re: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 21:06:46 UTC
From: Larry Szendrei
Topic: 7164 Message: 7223

On 12/8/12 12:14 PM, barry whittemore wrote:
>
> I will only be able to get on in the early AM and 40 only as that is
> all i have at the moment. I hope someone is around then
> Barry
> NF1O
My plan for tomorrow morning is to get on 160M first, and then 40M (just for you, Barry!), 80M if there is anyone left, then back to 40M when 80M activity goes dead.

7224. BK ops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 21:22:35 UTC
From: N1BUG
Topic: 7224 Message: 7224

Well... it appears I will be plagued by ice again this week, making the rig squirrely on 80 meters. Steve has his wind plague. Apparently mine is ice! On 160 my noise is maintaining its claim on the band. I can hear stations only on 1806 and below. Above 1806 my noise quickly rises from S1 (where it should be) to S9+20 dB.

I'm starting on 80, then going to 160 for as long as there are stations to work (I'll definitely be there at 0100z), then back to 80. In the morning I will check 160 and 80 prior to sunrise, then will be clawing away on 40. Maybe back to 80 for the final couple of hours tomorrow evening, depending on activity.

Have fun everyone!

73,
Paul N1BUG

7225. Tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 21:38:02 UTC
From: Louis Vermond
Topic: 5321 Message: 7225
Attachments: 1 described; binary payloads are missing from this source WARC

Gg OT QRPp tonight, Boys. Pse lean into the RX for my sig.

73, Lou
VE3AWA

WU2D with thanks

7226. Re: [AWA Group] BK ops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 22:03:26 UTC
From: ve7sl@shaw.ca
Topic: 7224 Message: 7226

> going to 160 for as long as there are stations to work (I'll definitely be
> there at 0100z), then back to 80.

I don't think that 160 will be kind to me until at least 0400Z and the earliest possibility for E-W would be 0200Z so I will make a point of getting on at 0200Z and probably stay there until east coast midnight... 0500Z

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7227. Re: [AWA Group] BK ops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 22:15:11 UTC
From: N1BUG
Topic: 7224 Message: 7227

On 12/08/2012 05:03 PM, ve7sl@... wrote:
> I don't think that 160 will be kind to me until at least 0400Z and the
> earliest possibility for E-W would be 0200Z so I will make a point of
> getting on at 0200Z and probably stay there until east coast midnight...
> 0500Z

Fear not. Even after going back to 80, I will be checking 160 often.
Upon hearing the likes of VE7SL I shall immediately change bands!
I've been practicing and I can do this in under 3 minutes - without
getting zapped, even!

73,
Paul N1BUG

7228. Re: [AWA Group] BK ops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-08 22:45:36 UTC
From: ve7sl@shaw.ca
Topic: 7224 Message: 7228

> Fear not. Even after going back to 80, I will be checking 160 often.
> Upon hearing the likes of VE7SL I shall immediately change bands!
> I've been practicing and I can do this in under 3 minutes - without
> getting zapped, even!

FB Paul! If I miss you and Eddy tonight, I'll be on for your sunrise.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7229. Re: [AWA Group] Tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 01:24:54 UTC
From: Jim Robson
Topic: 5321 Message: 7229

AWAGroup friends--apart from _much_ coaching from VE3AWA, logged my first cw contact tonight, and during the BK on a 29 TNT! Many thanks to Lou, a gentleman, a friend, and an ambassador for amateur radio. And many thanks to N8YE. 73, Jim/VE3BHK.

7230. RE: [AWA Group] The BK Affair: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 02:33:39 UTC
From: barry whittemore
Topic: 7164 Message: 7230

I listened tonight on 40 and heard nothing so i will wait till the AM
I hope to work several of you guys tomorrow.
73
barry NF1O

To: AWAGroup@yahoogroups.com
From: ne1s@...
Date: Sat, 8 Dec 2012 16:06:46 -0500
Subject: Re: [AWA Group] The BK Affair: PART DEUX

On 12/8/12 12:14 PM, barry whittemore
wrote:

I will only be able to get on in the early AM and 40 only
as that is all i have at the moment. I hope someone is
around then

Barry

NF1O

My plan for tomorrow morning is to get on 160M first, and then 40M
(just for you, Barry!), 80M if there is anyone left, then back to
40M when 80M activity goes dead.

7231. Re: [AWA Group] Tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 10:56:19 UTC
From: N1BUG
Topic: 5321 Message: 7231

On 12/08/2012 08:24 PM, Jim Robson wrote:

AWAGroup friends--apart from much coaching from VE3AWA, logged my first cw contact tonight, and during the BK on a 29 TNT!? Many thanks to Lou, a gentleman, a friend, and an ambassador for amateur radio.? And many thanks to N8YE.? 73, Jim/VE3BHK.

That's great Jim! Congratulations! You had a very nice signal here in Maine. I'm sorry we didn't get a chance to have a QSO.

73,
Paul N1BUG

7232. Power supply-Speaker for a SBE SB-36 WTB:

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 12:19:49 UTC
From: N3IBX
Topic: 7232 Message: 7232

Hello All, Would anyone have a power supply/speaker fora SBE-SB-36 tranceiver for sale? If so, I'd be very interested in it.
Please reply directly to my email address at: n3ibx@....
Thanks for the bandwidth,
Joe Cro N3IBX

7233. Success...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 13:46:28 UTC
From: Eddy Swynar
Topic: 7233 Message: 7233

Hi Guys,

Well, Steve (VE7SL) sure made my day this morning on 160-meters...!

Steve, I deliberately awoke up before 1000Z here, & directed my array toward the west coast, in hopes of snagging you...I'd just about all but given-up any hope of working you for a "Clean Sweep" of all three bands, vowing to shut things down at precisely 1245Z, when lo & behold, I heard your 449 signal calling me THREE MINUTES before my designated QRT time!

This was a good 15 minutes PAST our local sun rise here at this QTH.

Many thanks for making my morning---I now stand at 40 QSOs in total, seven of which were accomplished on Topband...

Scott (WA9WFA), I was hoping to work you at dawn to-day, too---alas, it was NOT to be. I did, however, manage to grab KB0ROB (last night), and K0KCY (this morning), so the band WAS open to Minnesota. Sorry we couldn't make a "Sweep", too...

I had two QSOs with "moderns" who stopped by out of curiousity---interestingly enough, this only happened to me (so far, anyway) on 160-meters...

So Steve, tell me: who else did you QSO out here in the east, besides yours truly...? Paul (N1BUG) was going at it all "...hammers & tongs" last night---he'd have been a hard one to miss, for sure...

~73~ de Eddy VE3CUI - VE3XZ

PS: This morning I watched the waveform from the 3x227 MOPA on my Heathkit SB-610 monitorscope---OUCH!!! I'd better do something about the severity of my pattern: the "make" is a STRAIGHT VERTICAL LINE, & "break" isn't much better. Had this thing been any sort of a QRO rig, I just know my clicks would have buried everyone...! Did anyone take any special note of my "klix" last night / this morning...? (hopefully not).

7234. eBay Follies Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 15:00:02 UTC
From: Louis Vermond
Topic: 7234 Message: 7234

http://www.ebay.ca/itm/ANTIQUE-1912-CLAPP-EASTHAM-CAMBRIDGE-LOOSE-COUPLER-DETECTOR-RECEIVER-TRANSFORMER-/251192797321?pt=LH_DefaultDomain_0&hash=item3a7c41e889

7235. Success...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 15:13:25 UTC
From: Eddy Swynar
Topic: 7233 Message: 7235

Hi Guys,

See...?

I TOLD you I was up early this morning trying to work you guys...!!! (This is from a DX skimmer on-line)...

I worked only TWO STATIONS for all my trouble this morning---but that last QSO with Steve made it all worthwhile for me...!

~73~ de Eddy VE3CUi - VE3XZ

showing spots for DX call: VE3XZ
search spot by call sign
de dx freq cq/dx snr speed time
W8WWV VE3XZ 1806.0 CW CQ 11 dB 20 wpm 1242z 09 Dec
KQ8M VE3XZ 1805.7 CW CQ 6 dB 17 wpm 1241z 09 Dec
W8WWV VE3XZ 1805.8 CW CQ 21 dB 17 wpm 1229z 09 Dec
K3LR VE3XZ 1805.8 CW CQ 22 dB 17 wpm 1223z 09 Dec
KQ8M VE3XZ 1805.7 CW CQ 8 dB 17 wpm 1223z 09 Dec
W8WWV VE3XZ 1805.7 CW CQ 26 dB 17 wpm 1214z 09 Dec
W8WTS VE3XZ 1805.7 CW CQ 7 dB 17 wpm 1211z 09 Dec
KM3T VE3XZ 1805.7 CW CQ 11 dB 17 wpm 1210z 09 Dec
K3MM VE3XZ 1805.7 CW CQ 7 dB 17 wpm 1209z 09 Dec
KQ8M VE3XZ 1805.7 CW CQ 11 dB 18 wpm 1207z 09 Dec
KM3T VE3XZ 1805.7 CW CQ 11 dB 17 wpm 1207z 09 Dec
W8WTS VE3XZ 1805.7 CW CQ 9 dB 17 wpm 1203z 09 Dec
K3LR VE3XZ 1805.8 CW CQ 26 dB 17 wpm 1202z 09 Dec
W8WWV VE3XZ 1805.8 CW CQ 18 dB 17 wpm 1201z 09 Dec
K3UK VE3XZ 1805.8 CW CQ 17 dB 17 wpm 1159z 09 Dec
K3UK VE3XZ 1805.8 CW CQ 17 dB 17 wpm 1159z 09 Dec
NY3A VE3XZ 1805.6 CW CQ 8 dB 17 wpm 1151z 09 Dec
K3MM VE3XZ 1805.6 CW CQ 7 dB 17 wpm 1150z 09 Dec
WZ7I VE3XZ 1805.6 CW CQ 5 dB 17 wpm 1149z 09 Dec
W8WTS VE3XZ 1805.6 CW CQ 5 dB 17 wpm 1148z 09 Dec
K3LR VE3XZ 1805.7 CW CQ 22 dB 18 wpm 1147z 09 Dec
NY3A VE3XZ 1807.7 CW CQ 9 dB 17 wpm 1142z 09 Dec
W8WWV VE3XZ 1807.7 CW CQ 16 dB 17 wpm 1130z 09 Dec
KQ8M VE3XZ 1807.7 CW CQ 7 dB 17 wpm 1130z 09 Dec
K3LR VE3XZ 1807.8 CW CQ 25 dB 17 wpm 1129z 09 Dec
W8WWV VE3XZ 1807.7 CW CQ 16 dB 17 wpm 1128z 09 Dec
NY3A VE3XZ 1807.7 CW CQ 14 dB 17 wpm 1122z 09 Dec
KM3T VE3XZ 1807.7 CW CQ 21 dB 17 wpm 1121z 09 Dec
K3LR VE3XZ 1807.8 CW CQ 26 dB 17 wpm 1121z 09 Dec
W8WTS VE3XZ 1807.7 CW CQ 7 dB 17 wpm 1119z 09 Dec
KM3T VE3XZ 1807.7 CW CQ 18 dB 17 wpm 1117z 09 Dec

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K3MM VE3XZ 1807.7 CW CQ 8 dB 17 wpm 1116z 09 Dec
KQ8M VE3XZ 1807.7 CW CQ 7 dB 18 wpm 1115z 09 Dec
WZ7I VE3XZ 1807.7 CW CQ 5 dB 18 wpm 1112z 09 Dec
K3LR VE3XZ 1807.9 CW CQ 16 dB 17 wpm 1105z 09 Dec
W8WTS VE3XZ 1807.8 CW CQ 5 dB 17 wpm 1102z 09 Dec
KQ8M VE3XZ 1807.8 CW CQ 7 dB 17 wpm 1100z 09 Dec
K3MM VE3XZ 1807.6 CW CQ 8 dB 17 wpm 1054z 09 Dec
W8WTS VE3XZ 1807.7 CW CQ 5 dB 17 wpm 1052z 09 Dec
KM3T VE3XZ 1807.7 CW CQ 15 dB 17 wpm 1050z 09 Dec
K3LR VE3XZ 1807.8 CW CQ 26 dB 18 wpm 1050z 09 Dec
W8WTS VE3XZ 1807.5 CW CQ 7 dB 18 wpm 1045z 09 Dec
KQ8M VE3XZ 1807.5 CW CQ 8 dB 18 wpm 1040z 09 Dec
KM3T VE3XZ 1807.5 CW CQ 14 dB 18 wpm 1039z 09 Dec
K3MM VE3XZ 1807.7 CW CQ 9 dB 18 wpm 1027z 09 Dec
KQ8M VE3XZ 1807.5 CW CQ 8 dB 18 wpm 1021z 09 Dec
K3LR VE3XZ 1807.6 CW CQ 23 dB 18 wpm 1020z 09 Dec
W8WTS VE3XZ 1807.5 CW CQ 5 dB 17 wpm 1012z 09 Dec
NY3A VE3XZ 1807.6 CW CQ 10 dB 17 wpm 1011z 09 Dec
W8WWV VE3XZ 1807.6 CW CQ 20 dB 17 wpm 1011z 09 Dec
```

7236. Re: [AWA Group] Success...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 15:58:20 UTC
From: Larry Szendrei
Topic: 7233 Message: 7236

On 12/9/12 10:13 AM, Eddy Swynar wrote:
> */Hi Guys,/*
>
> /See...?/
>
> I /TOLD/you I was up early this morning trying to work you guys...!!!
> (This is from a DX skimmer on-line)...
>
> I worked only /TWO STATIONS/for all my trouble this morning---but that
> last QSO with Steve made it all worthwhile for me...!
>
> */~73~ de Eddy VE3CUi - VE3XZ/*
> */
> /*
>
Hi Eddy and group,

160M was almost a bust for me - I only was able to work you and Paul, both last night. I almost had KB0ROB, but he gave up on me. He was about 569 here, sent my a report, but didn't copy mine. Harold was very loud on all 3 bands, and his MOPA sounds like a mod rig. I got on 160M first thing this morning - around 6:30 local - and hung around for about an hour, but you (Eddy) were the only station I heard. So I went up to 80M, picked up 3 more (including KB0ROB), then set the TNT back to 40M. Had the pleasure of talking to Barry NF1O (congrats again, Barry!), and will get back on 40M in a bit, and will wrap up things on 80M in the late afternoon.

Need to optimize the 160M tank coil for the TNT - too much inductance now - my sig was least stable on 160M, where it should bethe most stable(vs. 80M and 40M). Will try removing a turn from each side (after the contest is over for this year). The stud on one of the insulators supporting the tank coil in the Hartley has come loose, too, allowing the 80M coil to vibrate like a spring secured only on one end, making the note more "interesting" than necessary. Another thing to fix after the contest.

73,
-Larry/NE1S

7237. Re: [AWA Group] Success...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 16:08:47 UTC
From: N1BUG
Topic: 7233 Message: 7237

On 12/09/2012 10:58 AM, Larry Szendrei wrote:

The stud on one of the insulators supporting the tank coil in the Hartley has come loose, too, allowing the 80M coil to vibrate like a spring secured only on one end, making the note more "interesting" than necessary. Another thing to fix after the contest.

Yeah. I'm having quite a bit of trouble with those devils... especially the one on the beehive supporting the swinging antenna coil. I suppose this is why one should use lead washers on the hardware, eh? ;-)

I'm off for a lunch break, then will continue hammering away on 40, with the last couple of hours on 80 (probably).

73,
Paul N1BUG

7238. RE: [AWA Group] Success...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 16:33:28 UTC
From: barry whittemore
Topic: 7233 Message: 7238

I have been having a great time. I am at 9 QSOs so far, but after last weekend with Zip, it was great to hear someone sending my call back. I got lots of help along the way and though i am not putting my K3 up for sale yet, it is great fun to play in this. I also had a club meeting last night and have been suffering through the 10 meter contest also. I have had my 29er stuff on the dining table since last weekend so my XYL will be happy when its gone.
73 and thanks to all
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: paul@...
Date: Sun, 9 Dec 2012 11:08:47 -0500
Subject: Re: [AWA Group] Success...!!!

On 12/09/2012 10:58 AM, Larry Szendrei wrote:

The stud on one of the
insulators supporting the tank
coil in the Hartley
has come loose, too, allowing
the 80M coil to vibrate like a
spring secured only on one
end, making the note more
"interesting" than necessary.
Another thing to fix after the
contest.

Yeah. I'm having quite a bit of trouble
with those devils... especially the one on the beehive
supporting the swinging antenna coil. I suppose this is why one
should use lead washers on the hardware, eh?
;-)

I'm off for a lunch break, then will continue hammering away
on 40, with the last couple of hours on 80 (probably).

73,

Paul N1BUG

7239. Re: [AWA Group] Success...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 16:38:24 UTC
From: ve7sl@shaw.ca
Topic: 7233 Message: 7239

Hi Eddy....You made the day for me as well as I set the alarm for 0430 here, hoping to find you on 160 at sunrise. I guess it should have been set for 0400 but I'm pleased we made it! I also worked Paul back your way on 160 early last night. Will have a more detailed contest-summary posted later.

73 / thanks for the fun

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7240. Re: [AWA Group] Success...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 18:19:39 UTC
From: Eddy Swynar
Topic: 7233 Message: 7240

On 2012-12-09, at 10:58 AM, Larry Szendrei wrote:

>
>
> 160M was almost a bust for me - I only was able to work you and Paul, both last night. I almost had KB0ROB, but he gave up on me. He was about 569 here, sent my a report, but didn't copy mine. Harold was very loud on all 3 bands, and his MOPA sounds like a mod rig. I got on 160M first thing this morning - around 6:30 local - and hung around for about an hour, but you (Eddy) were the only station I heard. So I went up to 80M, picked up 3 more (including KB0ROB), then set the TNT back to 40M. Had the pleasure of talking to Barry NF1O (congrats again, Barry!), and will get back on 40M in a bit, and will wrap up things on 80M in the late afternoon.
>
> Need to optimize the 160M tank coil for the TNT - too much inductance now - my sig was least stable on 160M, where it should be the most stable (vs. 80M and 40M). Will try removing a turn from each side (after the contest is over for this year). The stud on one of the insulators supporting the tank coil in the Hartley has come loose, too, allowing the 80M coil to vibrate like a spring secured only on one end, making the note more "interesting" than necessary. Another thing to fix after the contest.
>

Hi Larry,

Well, 160 was DEFINITELY busier later yesterday evening, than it was this morning, that's for sure!

I honestly don't believe that most of the guys were prepared to add Topband onto their respective operating curriculums: the addition of 1.8-MHz means the incorporation of a LOT more turns on the ol' tank coil than many even realize---until they try it, that is...and most last minute additions in this regard make for inevitable failure, I'm afraid.

~73~ de Eddy VE3CUI - VE3XZ

7241. Re: [AWA Group] Tonight

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 21:01:41 UTC
From: Roger Kuchera
Topic: 5321 Message: 7241
Attachments: 1 described; binary payloads are missing from this source WARC

A Geranium transistor on steroids??

--- On Sat, 12/8/12, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: [AWA Group] Tonight
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Saturday, December 8, 2012, 4:38 PM

Gg OT QRPp tonight, Boys. Pse lean into the RX for my sig.

73, Lou
VE3AWA

WU2D with thanks

7242. Mama Mia...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 21:40:35 UTC
From: Eddy Swynar
Topic: 7242 Message: 7242
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Paul (N1BUG),

CONGRATULATIONS...!!!

Looks like your 1929-style QRP rig made it across the pond to Ireland:

EI6BT N1BUG 3566.7 CW CQ [LoTW] 12 dB 14 wpm 0405z 09 Dec

Just saw this on the online skimmer---VERY FB, indeed...!

~73~ de Eddy VE3CUI - VE3XZ

7243. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Mama Mia...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 22:32:35 UTC
From: Bauman, John
Topic: 7242 Message: 7243
Attachments: 1 described; binary payloads are missing from this source WARC

With these skimmers, do they store the data for a few days or what?
It's usually the next day when I think about checking my signal.

John
KB7NRN

On Behalf Of Eddy Swynar [deswynar@xplornet.ca]
Hi Paul (N1BUG),

CONGRATULATIONS...!!!

Looks like your 1929-style QRP rig made it across the pond to Ireland:

EI6BT<http://www.reversebeacon.net/qrz/rbn/EI6BT>
[cid:94B293BD-55FF-4B37-8D99-A8523493027C@barrettxplore.com]
N1BUG<http://www.reversebeacon.net/qrz/rbn/N1BUG> 3566.7 CW CQ [LoTW] 12 dB 14 wpm 0405z
09 Dec

Just saw this on the online skimmer---VERY FB, indeed...!

~73~ de Eddy VE3CUI - VE3XZ

7244. Re: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Mama Mia...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 23:08:32 UTC
From: N1BUG
Topic: 7242 Message: 7244

On 12/09/2012 05:32 PM, Bauman, John wrote:
> With these skimmers, do they store the data for a few days or what?
> It's usually the next day when I think about checking my signal.

Yes. I'm not sure how long, but I often think to check mine a week
later and the data is still there.

73,
Paul N1BUG

7245. Thanks

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 23:28:59 UTC
From: barry whittemore
Topic: 7245 Message: 7245

Well, my participation in the BK QSO party is over. I only had 9 QSOs and only today. I had lots of help along the way from members of this group.
As a ham for 35 years I have done a lot with many different equipment types.
I used my Type 27 Tube Hartley and had a blast. I was also doing battle in the 10 Meter contest this weekend so i did not put a full effort into either.
The Elecraft K3 did a fine job on 10 meters but i used my IC 706 for the RX for BK. Next time I may try an older design RX.

Thanks to all that heard me and gave me a contact and especially to those that gave me advice and parts for my 29er.

While my K3 will be my primary radio for a long time, i had lots of fun stepping back in time to when my father was born. (1929)

Bill K4JYS was my first "real" QSO, with the 29er. I had a sked with a local friend before but to get an unannounced one was a thrill.
It was real nice to work Larry NE1S who gave me advice and parts to make it possible (he also has a call very close to my XYL, NE1F)

Thanks to her also for putting up with the mess on the table.

73 all and thanks again
Barry
NF1O

deeeit deeeit

7246. BUG's first BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-09 23:47:46 UTC
From: N1BUG
Topic: 7246 Message: 7246

Yeee-haa! That was fun!

I ended up with a few more contacts than I really expected. When the results come out in a few months it will be interesting to see how I did in comparison to others. I wonder if scores will be down this year because we can't count modern stations? Or will they be up because we had three bands? Or will they come out about the same? I have only seen scores from last year (none previous) so I really don't know what is typical.

I'm getting comfortable with the straight key again. I hadn't used one in 25 years until I started having a few brief QSOs with Lou and other members of this group about a year ago. But over the past several hours, I almost started to feel like I knew what I was doing with the thing. I even stopped inventing new call signs for myself. :)

It was nice to work Steve KK7UV and Steve VE7SL on all three bands. Those guys are just amazing. We didn't even have to depend on no stinkin' sunrise peak for any of the QSOs, hi hi! All but one were very easy. The 160 meter QSO with VE7SL required some persistence due to QSB, but signals peaked up really nice at times.

Most unlikely QSO? I think that would have to be Howie, WB2AWQ, in Reno, Nevada on 80 meters at my sunrise. Howie was running the oldest rig that made it into my log - "21 Hartley" with a pair of UV-202's. What really made this amazing is his antenna: dipole sitting on a wood privacy fence at 7 feet off the ground! Howie says the fence was soaking wet as it was pouring down rain at the time. Thanks to Mr. Beverage for the receiving antenna that made this QSO possible on my end.

Yesterday evening, QRM from Europe on 80 meters was considerable even off the back of the Beverages! They were running some sort of contest over there. I didn't look it up to see what it was.

Also yesterday evening I had some considerable "warble" on my signal at times. The cat decided to bounce off walls! He's almost 8 years old but still acts like a 6 month old!

Ice wasn't as bad as the first weekend, but during the day today the wind really picked up and made my 40 meter signal just a wee bit unsteady at times.

David CT4RL/1 called in from Ericeira, Portugal to say hello on 40 meters. The mighty TNT has now spanned the Atlantic on two bands! I'll have to see what I can do about that third one. According to a skimmer spot Eddy found, it has already been heard on the other side

of the pond on three bands. It's just a matter of making it a two-way. :)

I'm glad I was able to work Barry, NF1O, after not hearing him call me last weekend. He was a solid 579 and rapidly building during our QSO as the band was just opening between us. A little while later he was 599. Barry, your Hartley is definitely working!

The hardware on those beehives is *really* annoying. It loosens up after a few band changes. Then I have to spend 15 minutes fooling with it. I guess I need to get serious about hunting for lead sheet and see if that will fix the problem. Will it?

Thanks to everyone in this group for welcoming me into the fold, helping to educate me, and helping with parts. The building and operating has been quite a remarkable adventure.

73,
Paul N1BUG

7247. Re: [AWA Group] BUG's first BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 00:18:03 UTC
From: Larry Szendrei
Topic: 7246 Message: 7247

Nice summary, Paul. You certainly are a force to be reckoned with on the bands. (Oh, no, we've created a monster!!!!)

I ended up with 44 Q's, in a quick, not necessarily accurate, count. That's not counting the 5 or 6 non-participating stations that called me and with which I had enjoyable conversations. I hung it up around 9:00PM last night, and took several long breaks during both Sundays. (When it starts feeling like work, I walk away from it for a while, and I also try to keep a regular sleep schedule.)

Glad you had fun, I had a blast as I always do. And I'll be making some minor improvements to the transmitters shortly, and will probably exercise them both during SKN.

73,
-Larry/NE1S

7248. Re: [AWA Group] BUG's first BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 00:42:11 UTC
From: Eddy Swynar
Topic: 7246 Message: 7248

On 2012-12-09, at 7:18 PM, Larry Szendrei wrote:
>
>
> I ended up with 44 Q's, in a quick, not necessarily accurate, count.
> That's not counting the 5 or 6 non-participating stations that called me
> and with which I had enjoyable conversations. I hung it up around 9:00PM
> last night, and took several long breaks during both Sundays. (When it
> starts feeling like work, I walk away from it for a while, and I also
> try to keep a regular sleep schedule.)
>
>

Hi Guys,

Well, the final overall tally here at VE3XZ is 48 valid total QSOs---better than last year, I s'pose, but probably not as good as I did a few years ago...

I don't believe that anyone has ever broken the "60 QSO Ceiling" in this event---maybe Paul (N1BUG) did this year...? He seemed to be almost everywhere on the bands the past two weekends, obviously having a lot of fun! I can see where 60+ contacts is certainly within the realm of possibility, what with all of the newcomers who seeming to be joining us (especially this year), and the addition of 160-meters...

Heck, even the tireless Bob Raide (W2ZM) never crashed that barrier.

I don't know why the "VE3" crowd seems to be so reticent about putting something together & getting on the air, even for a brief period of time---but they are, sad to say. We sure can't hold a candle to those OT aficionados out in Minnesota---come to think of it, who can...?! You'd almost think that AWA was headquartered in Scott's home State, rather than NY.

My biggest thrill---apart from working Steve (VE7SL) on 160 here, well past our sunrise---was hearing (very painlessly!) at least two stations who were running just TWO WATTS INPUT: heck at 30% efficiency, that's just some 600-MILLIWATTS of RF getting into the antenna! And one of these ops was situated in far-off NC! Amazing what can be done with these 83 year "young" hollow state devices, isn't it...?

In closing, I just want to apologize to Bill (K4JYS), who was calling me in the closing 10 - 15 minutes of the Party on 80-meters: I was all set to work you for my QSO #49, Bill, but the XYL called me at the exact same time that you did, announcing that she needed help in determining if the pasta was ready to eat, or not. I figured that if I put her off, I wouldn't get fed to-night, so I had to do the prudent thing & sign-off the air, post haste...

Thanks to all for a simply GREAT two weekends of fun, guys...!

~73~ de Eddy VE3CUI - VE3XZ

7249. Re: [AWA Group] BUG's first BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 00:51:14 UTC
From: N1BUG
Topic: 7246 Message: 7249

On 12/09/2012 07:42 PM, Eddy Swynar wrote:
> I don't believe that anyone has ever broken the "/60 QSO Ceiling/"
> in this event

Hi Eddy,

Me thinks you may want to have a look at the results from last year.
Five stations broke the "60 ceiling", and the highest QSO total was 70.

I would love to see results from previous years. Maybe the
appropriate back issues are available for ordering...?

73,
Paul N1BUG

7250. RE: [TO OLD ADDRESS]: Re: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Mama Mia...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 00:35:01 UTC
From: Bauman, John
Topic: 7242 Message: 7250

Thanks Paul!
Now I just have to figure out how to use the skimmer site.

John
KB7NRN

_____
On Behalf Of N1BUG [paul@n1bug.com]On 12/09/2012 05:32 PM, Bauman, John wrote:
> With these skimmers, do they store the data for a few days or what?
> It's usually the next day when I think about checking my signal.

Yes. I'm not sure how long, but I often think to check mine a week
later and the data is still there.

73,
Paul N1BUG

7251. Re: [TO OLD ADDRESS]: Re: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Mama Mia...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 01:03:24 UTC
From: N1BUG
Topic: 7242 Message: 7251

On 12/09/2012 07:35 PM, Bauman, John wrote:
> Thanks Paul!
> Now I just have to figure out how to use the skimmer site.

There are many options and ways to get specific data, but for a
simple call sign search, try here:

http://www.reversebeacon.net/srch.php

73,
Paul N1BUG

7252. Re: [AWA Group] BUG's first BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 01:07:37 UTC
From: N1BUG
Topic: 7246 Message: 7252

On 12/09/2012 07:18 PM, Larry Szendrei wrote:
> (Oh, no, we've created a monster!!!!)

Oh, now my sides hurt from laughing!
There's always a risk in nurturing newbies. You never know what they'll become. ;o)

I could have made more Q's I suppose, but then that would have made it too much like work as you say. I didn't miss much beauty sleep. I can't afford to! I also wandered away for numerous breaks during the day.

73,
Paul N1BUG

7253. BK Summary - VE7SL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 02:02:33 UTC
From: ve7sl@shaw.ca
Topic: 7242 Message: 7253

Firstly....thanks to everyone for another great operating event! I continue to be impressed, every year, with the high skill levels shown by BK participants, always seemingly able to reply with a 'QSL all' no matter how weak and watery our signals become. Some of you guys have amazing ears and impressive signals for such low power levels.

I think conditions this year were not as good as last year as, with a few rare exceptions, the usual 'second-layer' of 80m east coast smaller stations never did make an appearance here...either that or activity from the east coast states was off a bit...maybe some are still in storm-recovery mode?

I believe the addition of 160m to the Party has been a grand success, with more stations worked than I had expected. Hopefully activity on this band will continue to grow. I think many small-backyard stations believe that getting on 160 is not possible but if you can work on 80 then you have enough wire up to radiate a signal on 160. The new 40m window has now become the 'place to be' it seems and from here, 40m activity looked to be up as well. When 40 is in nice shape, it is an easy band to rack up Transcon QSO's with our flea-power rigs...even though the wind can make some of the signals (mine especially) sound pretty awful. It was just great to hear the 'CQ AWA's from 7105 all the way up to 7125,everyone staking out their own little hole amongst the broadcast signals, the odd digital station and a few weak SSB signals...very nice. Moving up the band to this region was another great idea and seems to be working very well.

Highlights of the Party were working Eddy (VE3XZ) and Paul (N1BUG) on all three bands. Paul's beacon-like signal was the best one from the east coast and I heard him often, on all bands and times. Other highlights were working low-powered W2LB, WT2W and N4GJV on 80m. Hats off to W0NYQ (MN) with an amzing signal on 80 and 160 with just 4W...I would love to learn about his antenna system. I'm always surprised that there is such a poor turnout from huge states, such as Texas, California (none that I heard), Florida and a few others. Likewise for Canada...were are the VE2's, 1's and prairie stations? It's great to see Lou mentoring a few of the VE3's and hopefully BK activity from Ontario will continue to grow. Of my 48 AWA QSO's, fully 16 (33%) were with MN stations...where would we be without these stalwarts?.....and...nobody has yet to proffer a reason for this exceptionally high level of interest in '29 activity!

As usual, the wind became problematical here on both weekends...the old books are being scoured already, for next year's MOPA, and hopefully this will no longer be such a source of BK angst. Interestingly, I found that my 160m tank coil would also work well on 80m and with greater efficiency than the copper-tube wound 80m coil. This saved considerable band-switching time and made it possible to go back and forth much easier. In spite of the wind, I finished with 8 QSO's on 160m, 26 on 80m and 17 on 40m....51 in

total with three of these being none-AWA stations. I would have liked to work a few others that were heard but slipped away before I could grab them...hopefully next year. Start the countdown clock Lou.

73 - Steve / Mayne Island

Hull Hartley / 1/4 wave wire vertical (80 and 40m) / half-sloper (160)

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7254. RE: [TO OLD ADDRESS]: Re: [TO OLD ADDRESS]: Re: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Mama Mia...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 01:08:16 UTC
From: Bauman, John
Topic: 7242 Message: 7254

I've used this before but it never finds my call because it only goes back 15 min.
How do you look back 24 hrs?

On Behalf Of N1BUG [paul@...]On 12/09/2012 07:35 PM, Bauman, John wrote:
> Thanks Paul!
> Now I just have to figure out how to use the skimmer site.

There are many options and ways to get specific data, but for a
simple call sign search, try here:

http://www.reversebeacon.net/srch.php

73,
Paul N1BUG

7255. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] BK Summary - VE7SL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 02:08:35 UTC
From: Bauman, John
Topic: 7242 Message: 7255

"Of my 48 AWA QSO's, fully 16
(33%) were with MN stations...where would we be without these
stalwarts?.....and...nobody has yet to proffer a reason for this
exceptionally high level of interest in '29 activity!"

In a word "COLD"...

it's too cold to do much of anything else and the tubes keep the shack warm!

John

KB7NRN

7256. Re: [TO OLD ADDRESS]: Re: [TO OLD ADDRESS]: Re: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Mama Mia...!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 02:13:21 UTC
From: N1BUG
Topic: 7242 Message: 7256

On 12/09/2012 08:08 PM, Bauman, John wrote:
> I've used this before but it never finds my call because it only goes back 15 min.
> How do you look back 24 hrs?

Pay no mind to the little box that says no spots in the last 15 minutes. That box is only intended to show what frequency a station is operating on "right now". It says that on my call too, even while on the left it displays some 35 spots from last night. I assure you, when a skimmer hears you, it will show up - and it will remain there for days. Example:

http://www.reversebeacon.net/dxsd1/dxsd1.php?f=0&c=n1bug&t=dx

73,
Paul N1BUG

7257. [AWA Group] BK Summary - VE7SL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 02:31:56 UTC
From: ve7sl@shaw.ca
Topic: 7242 Message: 7257

> In a word "COLD"...
>
> it's too cold to do much of anything else and the tubes keep the shack
> warm!

John...that's the best one so far...maybe some truth to it as well! Nice to work you on all three bands.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7258. uh-oh!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 02:46:36 UTC
From: N1BUG
Topic: 7258 Message: 7258

Sorry moderators, I blew it on my last post. I must be tired. I forgot links to my web space make Yahoo barf and throw it in the spam trap. They just love me. :)

Paul

7259. Re: [AWA Group] BK Summary - VE7SL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 02:42:28 UTC
From: N1BUG
Topic: 7242 Message: 7259

> either that or activity from the east coast states was off a bit

As you may recall I listened, but did not transmit in the BK last year. The first session this year I felt activity was down, but I certainly did not feel that way in the second session. Stations really came out of the woodwork this weekend.

> Paul's beacon-like signal was the best one from the east coast
> and I heard him often, on all bands and times.

Flattery MIGHT get you somewhere. Depends on what you want... ;-)

> Start the countdown clock Lou.

Is it a given that the BK is always the first two weekends that the START time would fall in December UTC? If so, the clock is running:

http://www.n1bug.com/BKcountdown.html

(assumes Dec 7/8 & 14/15, but I'm not sure that's a valid assumption)

Time for my beauty rest. Not that it ever helps!

73,
Paul

7260. Fwd: Topband: Antique Wireless Asociation 1929 QSO Party---Topband Edition

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 12:31:05 UTC
From: Eddy Swynar
Topic: 7260 Message: 7260
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Guys,

I sure hope you can open the attached "sound bite" of some of the action from last nighty, which was sent to me by Jeff (W0ODS)...

It features Harold (KB0ROB) holding court on-frequency, working the likes of W0LS, KK7UV, WB0WHG, VE7SL, and possibly more!

~73~ de Eddy VE3CUI - VE3XZ

7261. BK Affair: Final Scores

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 14:43:58 UTC
From: Eddy Swynar
Topic: 7261 Message: 7261

OK Guys,

Paul (N1BUG) realistically made reference to that deep, latent, competitive instinct that lies deep inside us all---so it's time to pony-up now, & see who "cleaned house" these past two weekends in the 1929 QSO Party.

I'll start first...

My final, overall tally in terms of QSOs on all three bands, was:

48

So---how'd everyone else do...?

~73~ de Eddy VE3CUI - VE3XZ

7262. RE: [AWA Group] BK Affair: Final Scores

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 15:01:47 UTC
From: barry whittemore
Topic: 7261 Message: 7262

I had a total of 9 QSOs on 40 only. I did a part time affair as i was doing the 10 meter contest as well with my K3. I did have lots of fun however.
barry
NF1O

To: AWAGroup@yahoogroups.com
From: deswynar@...
Date: Mon, 10 Dec 2012 09:43:58 -0500
Subject: [AWA Group] BK Affair: Final Scores

OK Guys,

Paul (N1BUG) realistically made reference to that deep, latent, competitive instinct that lies deep inside us all---so it's time to pony-up now, & see who "cleaned house" these past two weekends in the 1929 QSO Party.

I'll start first...

My final, overall tally in terms of QSOs on all three bands, was:

48

So---how'd everyone else do...?

~73~ de Eddy VE3CUI - VE3XZ

7263. Final Scores...VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 17:38:11 UTC
From: Louis Vermond
Topic: 7263 Message: 7263
Attachments: 1 described; binary payloads are missing from this source WARC

```
38
All on 80...
```

7264. Re: [AWA Group] BK Affair: Final Scores

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 17:55:38 UTC
From: Joe Y
Topic: 7261 Message: 7264

Managed 16 QSO's all on 80.....not even close to cleaning house.....but still had a great time as always.....
73,

Joe N2OUV

From: Eddy Swynar <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 10, 2012 9:43 AM
Subject: [AWA Group] BK Affair: Final Scores

OK Guys,

Paul (N1BUG) realistically made reference to that deep, latent, competitive instinct that lies deep inside us all---so it's time to pony-up now, & see who "cleaned house" these past two weekends in the 1929 QSO Party.

I'll start first...

My final, overall tallyin terms of QSOs on all three bands, was:

48

So---how'd everyone else do...?

~73~ de Eddy VE3CUI - VE3XZ

7265. 1929 BK Affair: Final Scores for WA9WFA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 17:57:33 UTC
From: whitebear1122@comcast.net
Topic: 7261 Message: 7265

Alas WA9WFA was MIA for the second weekend so I could only watch the BK emails talking about the 160m activity. Friday we drove down to Madison WI to visit my daughter at college with the original plans to drive back Saturday afternoon and work the BK but earlier in the week my Mom reminded me it was my Dad's 80th Birthday sooooooooo, instead of driving home Saturday, we drove to my folks house for the rest of the weekend and celebrated my Dad's birthday. Family comes first. Drove home Sunday afternoon into a blizzard, and was welcomed home with 16" of snow on the driveway.

I am so envious of all the activity on the 2nd weekend. Sounds like conditions were fabulous. I was all set to go on 160m too. Had the coil wound and tuned on frequency. M y push-pull 210 Colpitts was incredibly rock stable on 160m, even when thumping the chassis. Wish it was that stable on 40m..... Sometimes when ending a 1929 QSO, I'll send SK and thump the chassis on the K, giving out a really strange " sproing" twang. I know, stupid but fun.

My total count from the first weekend was 32 stations between 40m and 80m. I was running a pair of 210's in a push-pull Colpitts configuration. I had a ball that first weekend and worked some good DX including BC, ONT, Maine, New Mexico, Montana, NY, NC .

I know of several new guys operating the event so that was exciting to see more activity. The first two weekends in December are very popular with the participants so I hope the 29 QSO Party stays put on those first two weekends and not change dates. Why mess with a good thing..

The logs have started pouring in. Steve VE7SL's sent his in at something like 4:15 in the morning. Don't you guys sleep in BC?

Please send in your logs, even if you made 1 contact. It's so much fun to see who all was participating and who they worked. A couple years back a fellow built a transmitter and made 1 contact in the 29 QSO Party and sent in his log with great pride. I admired him for that.

In order to figure out who all participated , I go through all the logs and come up with a list of all callsigns documented . This gives us a good look at how many stations were operating in the event regardless if they sent in a log or not. I think we usually have 66% logs sent in. The last of the logs seems to trickle in around the 3rd week in January. If you email the log in, I will reply with a confirmation email to let you know that I got it.

Thanks to all the folks who participated and made this event so much fun!!

Next stop is the January Linc Cundall OT Contest . I am hoping to put the 1935 Gross CP-100 and National NC-101 on the air. I just acquired a NOS Millen 90711 VFO that I'll interface with the Gross. Right now I only have 80m capability with the Gross.

73, Scott WA9WFA

7266. Re: [AWA Group] 1929 BK Affair: Final Scores for WA9WFA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 18:26:18 UTC
From: ve7sl@shaw.ca
Topic: 7261 Message: 7266

>The logs have started pouring in. Steve VE7SL's sent his in at something
>like 4:15 in the morning. Don't you guys sleep in BC?

not me Scott...haven't typed it up yet...too busy sleeping.

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7267. Re: [AWA Group] 1929 BK Affair: Final Scores for WA9WFA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 18:31:52 UTC
From: Eddy Swynar
Topic: 7261 Message: 7267

On 2012-12-10, at 12:57 PM, whitebear1122@... wrote:

> WA9WFA

7268. Re: [AWA Group] 1929 BK Affair: Final Scores for WA9WFA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 18:36:48 UTC
From: Eddy Swynar
Topic: 7261 Message: 7268

On 2012-12-10, at 12:57 PM, whitebear1122@... wrote:

> My total count from the first weekend was 32 stations between 40m and 80m. I was running a pair of 210's in a push-pull Colpitts configuration. I had a ball that first weekend and worked some good DX including BC, ONT, Maine, New Mexico, Montana, NY, NC.
>
>

Hi Scott,

I wondered what had become of you in weekend #2...! I just KNOW we could have worked one another on Topband, too...

Oh well, maybe next year.

Hey, you done REAL good just the same, though: 32 QSOs in one weekend, & on only two bands, ain't too shabby at all---not by a LONG stretch!

I just finished transcribing my log sheets here, Scott, & will be dropping them off at the village post office for you here later this afternoon...

~73!~ de Eddy VE3CUI - VE3XZ

7269. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] BK Affair: Final Scores

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 18:53:21 UTC
From: Bauman, John
Topic: 7261 Message: 7269

I had 12 QSOs between all three bands and 3 non-1929 QSOs

John
KB7NRN

On Behalf Of Eddy Swynar

OK Guys,

Paul (N1BUG) realistically made reference to that deep, latent, competitive instinct that lies deep inside us all---so it's time to pony-up now, & see who "cleaned house" these past two weekends in the 1929 QSO Party.

I'll start first...

My final, overall tally in terms of QSOs on all three bands, was:

48

So---how'd everyone else do...?

~73~ de Eddy VE3CUI - VE3XZ

7270. RE: [AWA Group] Fwd: Topband: Antique Wireless Asociation 1929 QSO Party---Topband Edition

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 18:57:17 UTC
From: Bauman, John
Topic: 7260 Message: 7270

I heard KB0ROB on 40 mtrs. I'd find a hole and start calling and I heard him zero beat my sig and call
But I guess he never heard me answer. This happened three times. I was really hoping to snag him.

John
KB7NRN

On Behalf Of Eddy Swynar

Hi Guys,

I sure hope you can open the attached "sound bite" of some of the action from last nighty, which was sent to me by Jeff (W0ODS)...

It features Harold (KB0ROB) holding court on-frequency, working the likes of W0LS, KK7UV, WB0WHG, VE7SL, and possibly more!

7271. Re: [AWA Group] 1929 BK Affair: Final Scores for WA9WFA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 19:00:53 UTC
From: whitebear1122@comcast.net
Topic: 7261 Message: 7271

Oops, you're right, wrong Steve . Guess Steve KK7UV in Montana doesn't sleep much. hi hi
73, Scott WA9WFA

----- Original Message -----
From: ve7sl@...
To: AWAGroup@yahoogroups.com
Sent: Monday, December 10, 2012 12:26:18 PM
Subject: Re: [AWA Group] 1929 BK Affair: Final Scores for WA9WFA

>The logs have started pouring in. Steve VE7SL's sent his in at something
>like 4:15 in the morning. Don't you guys sleep in BC?

not me Scott...haven't typed it up yet...too busy sleeping.

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

---

Yahoo! Groups Links

7272. Re: [AWA Group] Fwd: Topband: Antique Wireless Asociation 1929 QSO Party---Topband Edition

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 19:28:44 UTC
From: Eddy Swynar
Topic: 7260 Message: 7272

> On Behalf Of Eddy Swynar
>
>
>
>
> Hi Guys,
>
> I sure hope you can open the attached "sound bite" of some of the action from last nighty, which was sent to me by Jeff (W0ODS)...
>
> It features Harold (KB0ROB) holding court on-frequency, working the likes of W0LS, KK7UV, WB0WHG, VE7SL, and possibly more!
>
>

Hi Guys,

Were any of you able to open-up the sound bite / recording that I'd sent to the Reflector earlier...?

I'm just curious---it really IS quite a time capsule, IMHO...

~73~ de Eddy VE3CUI - VE3XZ

7273. Re: [AWA Group] Fwd: Topband: Antique Wireless Asociation 1929 QSO Party---Topband Edition

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 19:40:19 UTC
From: N1BUG
Topic: 7260 Message: 7273

On 12/10/2012 02:28 PM, Eddy Swynar wrote:
> Were any of you able to open-up the sound bite / recording that I'd
> sent to the Reflector earlier...?

Hi Eddy,

It worked just FB here, but I've only had time to listen to about
half of it, so far... digging out from the storm.

73,
Paul N1BUG

7274. Re: [AWA Group] Final Scores...VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 19:47:31 UTC
From: Larry Szendrei
Topic: 7263 Message: 7274
Attachments: 1 described; binary payloads are missing from this source WARC

Lou - You really worked W2ICE? Talk about DX! That's even better than UU1CC.

73,
-Larry/NE1S

On 12/10/12 12:38 PM, Louis Vermond wrote:
>
> 38
> All on 80...
>

7275. Re: [AWA Group] Final Scores...VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 20:11:04 UTC
From: Louis Vermond
Topic: 7263 Message: 7275
Attachments: 1 described; binary payloads are missing from this source WARC

I did not work them, Santa did...W2BGN as well.

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: 2012-12-10 2:47 PM
Subject: Re: [AWA Group] Final Scores...VE3AWA

Lou - You really worked W2ICE? Talk about DX! That's even better than UU1CC.

73,
-Larry/NE1S

On 12/10/12 12:38 PM, Louis Vermond wrote:

38
All on 80...

7276. Stns Worked at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 20:41:42 UTC
From: Louis Vermond
Topic: 7276 Message: 7276

If the High Scorers would provide their lists, we would have an idea of who is out there. Tks...

VE3XZ

VE7SL

VE3BHK

W1ZB

K1TMJ

NE1S

KC1FB

N1BUG

K1VVL

NV1X

W1GIG

WT2W

W2LB

W2CQH

WB2QMY

W2AO

N2OUV

W3GMS

WA3YNW

WA3FFC

N4GJV

K4JYS

KK4RF

K4CHE

KK7UV

K8WEU

WA8DOF

N8YE

NI8G

W9TFC

N9HAL

WB9WHG

WA9WFA

K0KCY

KB0MM

KB0ROB

K0PK

W0LGU

W0NYQ

7277. Re: [AWA Group] Fwd: Topband: Antique Wireless Asociation 1929 QSO Party---Topband Edition

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 21:44:52 UTC
From: KG4KGL
Topic: 7260 Message: 7277

Eddy,

Can you resend the file, or upload or to the server? I must have deleted it.

Tnx

73,

Robert
KG4KGL

On Dec 10, 2012, at 14:28, Eddy Swynar <deswynar@...> wrote:

>
>> On Behalf Of Eddy Swynar
>>
>>
>>
>> Hi Guys,
>>
>> I sure hope you can open the attached "sound bite" of some of the action from last nighty, which was sent to me by Jeff (W0ODS)...
>>
>> It features Harold (KB0ROB) holding court on-frequency, working the likes of W0LS, KK7UV, WB0WHG, VE7SL, and possibly more!
>>
>>
>
>
>
> Hi Guys,
>
> Were any of you able to open-up the sound bite / recording that I'd sent to the Reflector earlier...?
>
> I'm just curious---it really IS quite a time capsule, IMHO...
>
> ~73~ de Eddy VE3CUI - VE3XZ
>

7278. Re: [AWA Group] Fwd: Topband: Antique Wireless Asociation 1929 QSO Party---Topband Edition

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 21:52:45 UTC
From: ve7sl@shaw.ca
Topic: 7260 Message: 7278

Thanks Eddy...the file opened fin here. It's always interesting to hear how others hear you. I must remember to make some recordings of various stations next year.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7279. Re: [AWA Group] Fwd: Topband: Antique Wireless Asociation 1929 QSO Party---Topband Edition

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 22:07:24 UTC
From: ve7sl@shaw.ca
Topic: 7260 Message: 7279

>the attached "sound bite" of some of the action ....by Jeff (W0ODS)...

just realized this was on 160m...nice!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7280. BK LOGS

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 23:32:02 UTC
From: ve7sl@shaw.ca
Topic: 7261 Message: 7280

Scott - do you prefer a chronological listing or with the three bands separated?

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7281. Re: [AWA Group] BK LOGS

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 23:39:01 UTC
From: Whitebear
Topic: 7261 Message: 7281

Either is fine although bands separated is extra nice for me. Thanks Steve. 73 Scott WA9WFA

Sent from my iPhone

On Dec 10, 2012, at 5:32 PM, <ve7sl@shaw.ca> wrote:

> Scott - do you prefer a chronological listing or with the three bands
> separated?
>
> Steve
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

7282. RE: [AWA Group] 1929 BK Affair: Final Scores for WA9WFA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-10 23:59:13 UTC
From: Steve Flood
Topic: 7261 Message: 7282
Attachments: 1 described; binary payloads are missing from this source WARC

>>Guess Steve KK7UV in Montana doesn't sleep much.

Sorry for the late reply – I was sleeping.

-KK7UV

7283. '29 Logsheets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-11 15:46:11 UTC
From: Eddy Swynar
Topic: 7283 Message: 7283

Attention Scott...!

I just dropped-off my log sheets into the village post office box for you this morning...

With any luck, they should reach you early next week (let me know when they get there, if you would, please!).

~73~ de Eddy VE3CUI - VE3XZ

PS: Did anyone work Tim (W1GIG) at all this year...? I never heard him on any of the bands at this end...

7284. Re: [AWA Group] '29 Logsheets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-11 15:50:16 UTC
From: whitebear1122@comcast.net
Topic: 7283 Message: 7284

Sounds good Eddy. I'll let you know when the log arrives here. Ping me to make sure I received it and got back to you.

I didn't hear Tim on the first weekend.

Are you going to be working the Linc Cundall in January? 73, Scott WA9WFA

----- Original Message -----

From: "Eddy Swynar" <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 11, 2012 9:46:11 AM
Subject: [AWA Group] '29 Logsheets

Attention Scott...!

I just dropped-off my log sheets into the village post office box for you this morning...

With any luck, they should reach you early next week (let me know when they get there, if you would, please!).

~73~ de Eddy VE3CUI - VE3XZ

PS: Did anyone work Tim (W1GIG) at all this year...? I never heard him on any of the bands at this end...

7285. Re: [AWA Group] '29 Logsheets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-11 16:22:09 UTC
From: N1BUG
Topic: 7283 Message: 7285

> *PS: *Did anyone work Tim (W1GIG) at all this year...? I never heard
> him on any of the bands at this end...

Hi Eddy,

I didn't hear Tim the first weekend,but I worked him on 40 and 80
meters in the final hours of the event.

73,
Paul N1BUG

7286. Re: [AWA Group] '29 Logsheets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-11 16:44:05 UTC
From: Larry Szendrei
Topic: 7283 Message: 7286

On 12/11/12 10:46 AM, Eddy Swynar wrote:
>
> *PS: *Did anyone work Tim (W1GIG) at all this year...? I never heard
> him on any of the bands at this end...
>

I worked Tim on 80M late Sunday afternoon, tagging onto Paul's QSO with him.

-'1S

7287. Re: [AWA Group] Fwd: Topband: Antique Wireless Asociation 1929 QSO Party---Topband Edition

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-11 17:37:40 UTC
From: Roger Kuchera
Topic: 7260 Message: 7287

A very nice 120 cycle buzz on KB0ROB, easy to pick out of the noise.

Roger.

--- On Mon, 12/10/12, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@...>
Subject: [AWA Group] Fwd: Topband: Antique Wireless Asociation 1929 QSO Party---Topband Edition
To: AWAGroup@yahoogroups.com
Date: Monday, December 10, 2012, 7:31 AM

Hi Guys,

I sure hope you can open the attached "sound bite" of some of the action from last nighty, which was sent to me by Jeff (W0ODS)...

It features Harold (KB0ROB) holding court on-frequency, working the likes of W0LS, KK7UV, WB0WHG, VE7SL, and possibly more!

~73~ de Eddy VE3CUI - VE3XZ

7288. question for the gurus

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-11 23:39:04 UTC
From: barry whittemore
Topic: 7288 Message: 7288

So, as i was prepping for a pic for Steves website, said to myself, it would look better with an older looking tube. so i dug through the collection and found a UY227. I plugged it in and fired it up. I was close to 40 mA where i was about 35 with the 27.
It even looks nicer. I tuned around and found nothing. so i got out my freq counter and i found it was up around 8+ MHz. The Varicap was in the same spot as it was during BK at about 7115.
I readjusted and put in quite a bit more capacitance and found my sig in band. it actually sounded better also.

Is it normal for a different tube to detune the circuit by over 1 MHz? that just sounds a bit extreme to me.
I am going to keep the UY227 in there as it does work, i bit more input and better tonal qualities.

I will get a pic soon and send it in Steve.

Thanks for any info. and thanks agin for those that worked me this weekend
.73
Barry
NF1O

7289. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] question for the gurus

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 03:08:06 UTC
From: Bauman, John
Topic: 7288 Message: 7289

Barry,
In the older tubes, construction techniques had not been standardized. Therefore interelectrode capacitance can vary from
one tube manufacturer to another. This will affect your tuning.

It would be interesting to measure the capacitance between the elements and see how one tube compares to the other.

John
KB7NRN

_____
On Behalf Of barry whittemore [wb1edi@...]

So, as i was prepping for a pic for Steves website, said to myself, it would look better with an older looking tube. so i dug through the collection and found a UY227. I plugged it in and fired it up. I was close to 40 mA where i was about 35 with the 27.
It even looks nicer. I tuned around and found nothing. so i got out my freq counter and i found it was up around 8+ MHz. The Varicap was in the same spot as it was during BK at about 7115.
I readjusted and put in quite a bit more capacitance and found my sig in band. it actually sounded better also.

Is it normal for a different tube to detune the circuit by over 1 MHz? that just sounds a bit extreme to me.
I am going to keep the UY227 in there as it does work, i bit more input and better tonal qualities.

I will get a pic soon and send it in Steve.

Thanks for any info. and thanks agin for those that worked me this weekend
.73
Barry
NF1O

7290. Newcomer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 04:40:50 UTC
From: imalowfer
Topic: 7290 Message: 7290

Hi guys!
I discovered this group, for the first time, earlier today. This discovery was the result of WA9WFA's posting, on the (older?) "antiquewirelessassocition@yahoogroups" mailing list. Thanks much, Scott, for the "heads up"! I am amazed by the most impressive level of participation, on this newly found (AWAGroup)list! I have been reading some of the archived messages, and I have learned that I have certainly have been missing a great deal!

I wasn't QRV at all, during the first weekend, of the BK QSO party. However, I thoroughly enjoyed the time that I was able to devote to the activity, during the second weekend! My best DX, once again, was a QSO with "golden ears" Steve, VE7SL, who seemed to have no trouble copying my QRP 3 watts 80m signal, despite QRM.
Thanks to all for the great fun!
73 de Ron n4gjv

7291. Re: [AWA Group] Newcomer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 05:45:30 UTC
From: ve7sl@shaw.ca
Topic: 7290 Message: 7291

>no trouble copying my QRP 3 watts 80m signal, despite QRM.

Hi Ron...welcome to the group! I think you will find this group much more ham-radio / builder-experimenter oriented. I am amazed every year at how well you get out with that tiny bit of RF...well done!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7292. Re: [AWA Group] Newcomer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 11:45:27 UTC
From: Larry Szendrei
Topic: 7290 Message: 7292

On 12/11/12 11:40 PM, imalowfer wrote:
>
> Hi guys!
> I discovered this group, for the first time, earlier today. This
> discovery was the result of WA9WFA's posting, on the (older?)
> "antiquewirelessassocition@yahoogroups" mailing list.
>

Welcome Ron! Glad you found us. Had I though of it I would have let you know about our existence sooner.

I belong to both this group and the "other one." The way it has turned out, this group is more focused on the amateur radio facet of antique radio, and, of course, the AWA on-air amateur events. The other one seems to be concentrated on non-amateur radio-related topics, for example, antique broadcast sets. I find both interesting, so I belong to both lists.

Good working you on 80M this year; sorry I just couldn't pull you out of the noise on 40M. In the past that had not been a problem.

73,
-Larry/NE1S

7293. Plate-modulated Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 11:54:08 UTC
From: Larry Szendrei
Topic: 7290 Message: 7293

Monday morning I spent over an hour in an AM round table with my Hartley on 75M, plate-modulated with a pair of 45s with about 5W carrier output. Everyone in the group was in New England. It never ceases to amaze me how well it does. Tim WA1HLR said I was 10 over 9 at his place, which is about 80M to the North as the crow flies.

Listening in a monitor receiver with the BFO on, the FMing is minimal.

I'd be interested to know how it does up at N1BUG; maybe we can arrange an AM sked, Paul?

73,
-Larry/NE1S

7294. Re: [AWA Group] Plate-modulated Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 11:58:55 UTC
From: Eddy Swynar
Topic: 7290 Message: 7294

On 2012-12-12, at 6:54 AM, Larry Szendrei wrote:

> Monday morning I spent over an hour in an AM round table with my Hartley
> on 75M, plate-modulated with a pair of 45s with about 5W carrier output.
> Everyone in the group was in New England. It never ceases to amaze me
> how well it does. Tim WA1HLR said I was 10 over 9 at his place, which is
> about 80M to the North as the crow flies.
>
> Listening in a monitor receiver with the BFO on, the FMing is minimal.
>
> I'd be interested to know how it does up at N1BUG; maybe we can arrange
> an AM sked, Paul?

Hi Larry,

That's neat...!

Are you using Heising modulation there, or do you have a bonafide modulation transformer in that set-up...?

~73~ de Eddy VE3CUI - VE3XZ

7295. Re: [AWA Group] Newcomer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 12:05:01 UTC
From: N1BUG
Topic: 7290 Message: 7295

On 12/11/2012 11:40 PM, imalowfer wrote:
> Hi guys! I discovered this group
> I have certainly have been missing a great deal!

Hi Ron!

It is very good to see you posting here! This is a fantastic group. They guys here have been VERY supportive and and encouraging in my quest to be a "29'er". We also have a lot of fun here! I hope you will become a regular participant and that you will enjoy it as much as I have.

> once again, was a QSO with "golden ears" Steve, VE7SL, who seemed
> to have no trouble copying my QRP 3 watts 80m signal, despite
> QRM. Thanks to all for the great fun!

Steve sure does hear well! I have to concur with what Steve said about your signal also, Ron. I am constantly amazed by the strength and quality of your signal here with 3 watts. Maybe it's some "N4GJV magic" that carries over from EME... hi!

73,
Paul N1BUG

7296. Re: [AWA Group] Plate-modulated Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 12:12:41 UTC
From: Larry Szendrei
Topic: 7290 Message: 7296

On 12/12/12 6:58 AM, Eddy Swynar wrote:
>
> */Hi Larry,/*
>
> That's neat...!
>
> Are you using Heising modulation there, or do you have a bonafide
> modulation transformer in that set-up...?
>
>
Hi Eddy,

I'm using a real modulation transformer. The modulators are a pair of
'45s in class AB2, driven by a '27.

One key to satisfactory operation is the so-called "3-diode" high-level
negative peak limiting circuit, which employs a "keep-alive" supply
source of around 20V so that the oscillator doesn't quit on negative peaks.

73,
-Larry/NE1S/*
*/

7297. Re: [AWA Group] Newcomer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 12:32:47 UTC
From: Bill Stewart
Topic: 7290 Message: 7297

Welcome aboard Ron.

And tnx for the BK QSOs...73, Bill K4JYS

----- Original Message -----

Hi guys!
I discovered this group, for the first time, earlier today. This discovery was the result of WA9WFA's posting, on the (older?) "antiquewirelessassocition@yahoogroups" mailing list. Thanks much, Scott, for the "heads up"! I am amazed by the most impressive level of participation, on this newly found (AWAGroup)list! I have been reading some of the archived messages, and I have learned that I have certainly have been missing a great deal!

I wasn't QRV at all, during the first weekend, of the BK QSO party. However, I thoroughly enjoyed the time that I was able to devote to the activity, during the second weekend! My best DX, once again, was a QSO with "golden ears" Steve, VE7SL, who seemed to have no trouble copying my QRP 3 watts 80m signal, despite QRM.
Thanks to all for the great fun!
73 de Ron n4gjv

7298. Re: [AWA Group] Plate-modulated Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 12:39:51 UTC
From: N1BUG
Topic: 7290 Message: 7298

On 12/12/2012 06:54 AM, Larry Szendrei wrote:
>
> I'd be interested to know how it does up at N1BUG; maybe we can arrange
> an AM sked, Paul?

Sure Larry, but you'll have to put up with what may be some rather
lousy AM audio from my FT-2000. Being not much of a phone op, I
don't have a "real" AM rig. I would be pleased to record your signal
and send you an MP3 sound bite if that might be of interest.

I'm pretty much on the run today and tomorrow morning. After that I
have Thursday afternoon, Friday, and the weekend free for a sked.

73,
Paul N1BUG

7299. Re: [AWA Group] question for the gurus

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 13:02:09 UTC
From: N1BUG
Topic: 7288 Message: 7299

On 12/11/2012 06:39 PM, barry whittemore wrote:
>
> So, as i was prepping for a pic for Steves website

I look forward to seeing the pic with the older tube.

> Is it normal for a different tube to detune the circuit by over 1
> MHz? that just sounds a bit extreme to me.

I agree with what John said about the old tubes having quite a lot of variation in internal capacitance. However, 1 MHz sounds a bit extreme to me also. If I wasn't in a rush this morning I would work out some math on that, but it seems like it would take a capacitance change on the order of a few magnitudes of the expected capacitance for these tubes to do that.

I'm not sure if this is applicable or will be of any value, but I will pass along some experience I had with my TNT early on. Tube changes were causing unexpected results. There were frequency shifts when changing tubes, though as I recall not to the extreme you are seeing. Some tubes refused to oscillate with a given tube socket, yet did just fine with a different socket. Also, I found some tubes oscillated just fine with the TNT grid coil alone, while others required conversion to a TPTG circuit with the addition of some considerable capacitance across the grid coil.

One of the experienced gurus (and I must apologize for not recalling who, at the moment!) suggested I might have a bad .00025 mfd grid condenser (fixed mica). Bingo! After swapping out that condenser, all the unexpected and/or just plain bizarre behavior ceased. It now works fine with any tube in any socket, with the grid coil alone. Frequency shifts with different tubes are on the order of a few kHz at most, even when changing basic tube type: '01A, '71A, 210.

The point is, don't rule out the possibility that odd behavior might be indicative of a component that is not healthy. However, since your rig is working well you may want to just leave it be and not mess with it!

73,
Paul N1BUG

7300. Re: [AWA Group] Plate-modulated Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 13:09:00 UTC
From: Larry Szendrei
Topic: 7290 Message: 7300

On 12/12/12 7:39 AM, N1BUG wrote:
>
> On 12/12/2012 06:54 AM, Larry Szendrei wrote:
> >
> > I'd be interested to know how it does up at N1BUG; maybe we can arrange
> > an AM sked, Paul?
>
> Sure Larry, but you'll have to put up with what may be some rather
> lousy AM audio from my FT-2000. Being not much of a phone op, I
> don't have a "real" AM rig.
>

No problem, Paul. Although I am serious about my AM operation and try to get the best audio possible, depending on what I'm using, of course, I'm not an audio "snob" and am happy to talk to anyone on AM, especially you, regardless of what they are using and how they sound. "Lousy AM" usually still beats "good SSB!"

> I would be pleased to record your signal
> and send you an MP3 sound bite if that might be of interest.
>
That would be very much appreciated. I've been trying to get one of my friends to do that, so that I could post the sound file here, but he has had other priorities. He made a recording about a month ago but can't find it, or hasn't gotten around to digging it out from wherever he buried it!

> I'm pretty much on the run today and tomorrow morning. After that I
> have Thursday afternoon, Friday, and the weekend free for a sked.
>
Friday morning around 9:00AM would work well. We can choose a frequency down in the 80M portion of the band - it will be less likely that our QSO will be interrupted by breaking stations. I can go as low as 3610 KHz, allowing room for the lower sideband and potential squirreliness of the Hartley (which hasn't really been a problem, but it's best to be safe). Looking forward to it! Let me know if this time & freq. works for you, and if not, suggest an alternative.

73,
-Larry/NE1S

7301. Re: [AWA Group] Newcomer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 14:58:19 UTC
From: Joseph Fell
Topic: 7290 Message: 7301

Welcome aboard Ron! It was great working you on the BK 29 event. Like you, VE7SL was again my best DX this year.
73,
Joe, W3GMS

--- In AWAGroup@yahoogroups.com, Bill Stewart <cwopr@...> wrote:
>
>
>
> Welcome aboard Ron.
>
> And tnx for the BK QSOs...73, Bill K4JYS
>
>
>
> ----- Original Message -----
>
>
> Â
>
>
>
>
> Hi guys!
> I discovered this group, for the first time, earlier today. This discovery was the result of WA9WFA's posting, on the (older?) "antiquewirelessassocition@yahoogroups" mailing list.
> Thanks much, Scott, for the "heads up"! I am amazed by the most impressive level of participation, on this newly found (AWAGroup)list! I have been reading some of the archived messages, and I have learned that I have certainly have been missing a great deal!
>
> I wasn't QRV at all, during the first weekend, of the BK QSO party. However, I thoroughly enjoyed the time that I was able to devote to the activity, during the second weekend! My best DX, once again, was a QSO with "golden ears" Steve, VE7SL, who seemed to have no trouble copying my QRP 3 watts 80m signal, despite QRM.
> Thanks to all for the great fun!
> 73 de Ron n4gjv
>

7302. Re: '29 Logsheets

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 15:05:54 UTC
From: Joseph Fell
Topic: 7283 Message: 7302

Yes, I worked Tim shortly before the event ended.
Joe, W3GMS

--- In AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@...> wrote:
>
> Attention Scott...!
>
> I just dropped-off my log sheets into the village post office box for you this morning...
>
> With any luck, they should reach you early next week (let me know when they get there, if you would, please!).
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
> PS: Did anyone work Tim (W1GIG) at all this year...? I never heard him on any of the bands at this end...
>

7303. RE: [AWA Group] question for the gurus

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 17:21:39 UTC
From: barry whittemore
Topic: 7288 Message: 7303

Ill try to get a pic tonight. If you look at the pic i posted before you can see that the Varicap is only very slightly meshed. with the new/old tube it is about 3/4 meshed so it a fair ammount of difference.
I will play with it and see where i come out.

73 and thanks,
Barry

To: AWAGroup@yahoogroups.com
From: paul@...
Date: Wed, 12 Dec 2012 08:02:09 -0500
Subject: Re: [AWA Group] question for the gurus

On 12/11/2012 06:39 PM, barry whittemore wrote:
>
> So, as i was prepping for a pic for Steves website

I look forward to seeing the pic with the older tube.

> Is it normal for a different tube to detune the circuit by over 1
> MHz? that just sounds a bit extreme to me.

I agree with what John said about the old tubes having quite a lot of variation in internal capacitance. However, 1 MHz sounds a bit extreme to me also. If I wasn't in a rush this morning I would work out some math on that, but it seems like it would take a capacitance change on the order of a few magnitudes of the expected capacitance for these tubes to do that.

I'm not sure if this is applicable or will be of any value, but I will pass along some experience I had with my TNT early on. Tube changes were causing unexpected results. There were frequency shifts when changing tubes, though as I recall not to the extreme you are seeing. Some tubes refused to oscillate with a given tube socket, yet did just fine with a different socket. Also, I found some tubes oscillated just fine with the TNT grid coil alone, while others required conversion to a TPTG circuit with the addition of some considerable capacitance across the grid coil.

One of the experienced gurus (and I must apologize for not recalling who, at the moment!) suggested I might have a bad .00025 mfd grid condenser (fixed mica). Bingo! After swapping out that condenser, all the unexpected and/or just plain bizarre behavior ceased. It now works fine with any tube in any socket, with the grid coil alone. Frequency shifts with different tubes are on the order of a few kHz at most, even when changing basic tube type: '01A, '71A, 210.

The point is, don't rule out the possibility that odd behavior might be indicative of a component that is not healthy. However, since your rig is working well you may want to just leave it be and not mess with it!

73,
Paul N1BUG

7304. my 29 Hartley w/UY227

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 23:20:24 UTC
From: barry whittemore
Topic: 7304 Message: 7304
Attachments: 1 described; binary payloads are missing from this source WARC

I sent a high res up to Steve for his web site.
73
Barry
NF1O

7305. Re: [AWA Group] my 29 Hartley w/UY227

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-12 23:25:26 UTC
From: Roger Kuchera
Topic: 7304 Message: 7305

Nicely done!

Roger.

--- On Wed, 12/12/12, barry whittemore <wb1edi@hotmail.com> wrote:

From: barry whittemore <wb1edi@...>
Subject: [AWA Group] my 29 Hartley w/UY227
To: "awa" <awagroup@yahoogroups.com>
Date: Wednesday, December 12, 2012, 6:20 PM

I sent a high res up to Steve for his web site.
73
Barry
NF1O

7306. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] question for the gurus

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 00:45:51 UTC
From: barry whittemore
Topic: 7288 Message: 7306

after disconnecting it tonight for a photo op, i hooked it back to the PS and it now seems to be more like it was. very strange. Its back where it was but still working. The UY-227 (RCA) looks better also.
Barry

To: AWAGroup@yahoogroups.com
From: john.bauman@...
Date: Tue, 11 Dec 2012 19:08:06 -0800
Subject: RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] question for the gurus

Barry,

In the older tubes, construction techniques had not been standardized. Therefore interelectrode capacitance can vary from

one tube manufacturer to another. This will affect your tuning.

It would be interesting to measure the capacitance between the elements and see how one tube compares to the other.

John

KB7NRN

On Behalf Of barry whittemore [wb1edi@...]

So, as i was prepping for a pic for Steves website, said to myself, it would look better with an older looking tube. so i dug through the collection and found a UY227. I plugged it in and fired it up. I was close to 40 mA where i was about 35 with the 27.

It even looks nicer. I tuned around and found nothing. so i got out my freq counter and i found it was up around 8+ MHz. The Varicap was in the same spot as it was during BK at about 7115.

I readjusted and put in quite a bit more capacitance and found my sig in band. it actually sounded better also.

Is it normal for a different tube to detune the circuit by over 1 MHz? that just sounds a bit extreme to me.

I am going to keep the UY227 in there as it does work, i bit more input and better tonal qualities.

I will get a pic soon and send it in Steve.

Thanks for any info. and thanks agin for those that worked me this weekend

.73

Barry

NF1O

7307. Thank you from newcomer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 03:54:37 UTC
From: Ron Barlow
Topic: 7307 Message: 7307

I would like to extend my hearty thanks to Paul N1BUG, Bill K4JYS, Larry NE1S, Steve VE7SL, and Joe W3GMS, for rolling out the welcome mat!

Finding this group, plus the pleasant experiences associated with the BK Memorial QSO Party, last weekend, have provided a needed boost to my interest in amateur radio, which had been in the severely faltering mode, recently.

I regret that I did not find this group, sooner, but I have been attempting to make up for lost time, by reading the archived posts (if that is the correct term?). With 7000+ of same available, I will be kept busy for some time!

Thanks again & 73 de Ron n4gjv

7308. RE: [TO OLD ADDRESS]: RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] question for the gurus

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 04:35:58 UTC
From: Bauman, John
Topic: 7288 Message: 7308

Barry,
I've experienced the same thing with my Hartley. After testing all my coils for 160-40 mtrs and logging the dial setting for each CW band, I found my signal was up in the 4mhz range when I went back to 80mtrs for the BK. I ended up just squeezing the coil and it came right back. Maybe the coil is expanding or was bumped. With these simple self excited power oscillators it only takes a bump to the coil or loose screw to get the freq to shift. At 7mhz it only needs half the capacitance change as on 80mtrs and only a quarter as on 160 to effect the same freq shift. It could be the tube, coil, connections or any combination. Or as Larry said, it might be a component changing value.

Also, I have experienced that what I set the rig on or near can have an effect. This is true of regen receivers too.
John
KB7NRN

On Behalf Of barry whittemore [wb1edi@hotmail.com]

Sent: Wednesday, December 12, 2012 4:45 PM

after disconnecting it tonight for a photo op, i hooked it back to the PS and it now seems to be more like it was. very strange. Its back where it was but still working. The UY-227 (RCA) looks better also.
Barry

7309. Re: [AWA Group] Thank you from newcomer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 04:37:11 UTC
From: ve7sl@shaw.ca
Topic: 7307 Message: 7309

> With 7000+ of same available, I will be kept busy for some time!

Ah yes...that will cure any insomnia problems you might have for several weeks!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7310. Re: [AWA Group] Plate-modulated Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 12:15:12 UTC
From: N1BUG
Topic: 7290 Message: 7310

On 12/12/2012 08:09 AM, Larry Szendrei wrote:
> No problem, Paul. Although I am serious about my AM operation and
> try to get the best audio possible, depending on what I'm using, of
> course, I'm not an audio "snob" and am happy to talk to anyone on
> AM, especially you, regardless of what they are using and how they
> sound. "Lousy AM" usually still beats "good SSB!"

Thanks Larry! I would be interested in an *honest* critique of just
how it sounds. I've only been on AM a couple of times with it, on 6
meters to help a local friend test boatanchor rigs he had acquired.

>> I would be pleased to record your signal
>> and send you an MP3 sound bite if that might be of interest.
>>
> That would be very much appreciated.

Consider it done. I sure hope conditions are good enough between us
at the time so that I can get a good clean recording for you.

> Friday morning around 9:00AM would work well. We can choose a
> frequency down in the 80M portion of the band - it will be less
> likely that our QSO will be interrupted by breaking stations. I can
> go as low as 3610 KHz

9:00AM Friday on or about 3610 kHz it is. That end of the band works
better for another reason as well. Due to some of the more annoying
laws of physics, my inverted V with somewhat lengthy coax feed is
more efficient down there. :)

See you there!

73,
Paul N1BUG

7311. Re: [AWA Group] Plate-modulated Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 12:23:10 UTC
From: N1BUG
Topic: 7290 Message: 7311

On 12/13/2012 07:15 AM, N1BUG wrote:
> 9:00AM Friday on or about 3610 kHz it is. That end of the band works
> better for another reason as well. Due to some of the more annoying
> laws of physics, my inverted V with somewhat lengthy coax feed is
> more efficient down there. :)

Hmm, guess I'm not awake yet. That statement might actually start to
make some sense had I included the fact the antenna is cut for 3525 kHz.

73,
Paul N1BUG

7312. Re: [AWA Group] Plate-modulated Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 12:28:09 UTC
From: Eddy Swynar
Topic: 7290 Message: 7312

On 2012-12-13, at 7:15 AM, N1BUG wrote:
>
> 9:00AM Friday on or about 3610 kHz it is. That end of the band works
> better for another reason as well. Due to some of the more annoying
> laws of physics, my inverted V with somewhat lengthy coax feed is
> more efficient down there. :)
>

Hi Paul & Larry,

I wish I could eavesdrop in on you two, but I have a breakfast date with 3 retiree friends of mine from where we used too work, at exactly 9:00 AM...

All I can say is, "Good luck, you two...!" I wish I could be on-frequency, listening...

~73~ de Eddy VE3CUI - VE3XZ

7313. BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 12:46:32 UTC
From: N1BUG
Topic: 7313 Message: 7313

I'm trying to psyche myself up to deal with the aftermath of the BK. QSOs need to be entered into my main station log (on computer), and I need to either transcribe the logs into cleaner format for paper submission or figure out exactly how to do it by email.

I'm wondering how logs are to be submitted via email, or how others do it. My experience has been that simply typing formatted text into an email (even if both the sending and receiving email clients are set up for plain text only) can result in some perfectly horrible messing up of said format. Then there's the question of whether to try to make columns line up using spaces for tabs. Attaching plain text files is hardly more reliable, in my experience. So I'm just curious, should I opt to go that route, how is it to be done? With all this iffiness I may just send in paper logs. I did see the exchange about putting them in band sequence rather than chronological. Does that apply to paper logs as well?

I really am not looking forward to dealing with the post-activity paperwork at all, I'm afraid.

Egad! Gotta run... I'm starting yet another day behind schedule and will be racing to catch up.

73,
Paul N1BUG

7314. Re: [AWA Group] BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 13:53:33 UTC
From: Eddy Swynar
Topic: 7313 Message: 7314

On 2012-12-13, at 7:46 AM, N1BUG wrote:

> I'm trying to psyche myself up to deal with the aftermath of the BK.
> QSOs need to be entered into my main station log (on computer), and
> I need to either transcribe the logs into cleaner format for paper
> submission or figure out exactly how to do it by email.
>
> I'm wondering how logs are to be submitted via email, or how others
> do it. My experience has been that simply typing formatted text into
> an email (even if both the sending and receiving email clients are
> set up for plain text only) can result in some perfectly horrible
> messing up of said format. Then there's the question of whether to
> try to make columns line up using spaces for tabs. Attaching plain
> text files is hardly more reliable, in my experience. So I'm just
> curious, should I opt to go that route, how is it to be done? With
> all this iffiness I may just send in paper logs. I did see the
> exchange about putting them in band sequence rather than
> chronological. Does that apply to paper logs as well?
>
> I really am not looking forward to dealing with the post-activity
> paperwork at all, I'm afraid.
>
> Egad! Gotta run... I'm starting yet another day behind schedule and
> will be racing to catch up.
>
>

Hi Paul,

Well, all I can say is simply that you certainly must have made one HECKUVA lot of QSOs, when all is said & done...!

I can't speak for Scott's preference(s), of course, but what I do here is simply send him a completed set of "official" log sheets via snail mail, which I downloaded before the event from that site you referenced a coupla weeks ago...

...One year---if I'm not mistaken---I was running a tad behind, so I scanned the log sheets &sent them off to Scott as an attachment to an e-mail.

~73~ de Eddy VE3CUI - VE3XZ

7315. Re: [AWA Group] BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 14:34:48 UTC
From: whitebear1122@comcast.net
Topic: 7313 Message: 7315

Paul, Easy stuff. The 29 QSO Party log is up on the AWA webpage. Either fill out the log manually or create your own electronic log in the same format please for consistency . Either snail mail at my address on the rules sheet or email to wa9wfa@...

All emailed logs are being QSL'd so you know I got it.

73, Scott WA9WFA

7316. Re: [AWA Group] Plate-modulated Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 15:25:34 UTC
From: Larry Szendrei
Topic: 7290 Message: 7316

On 12/13/12 7:15 AM, N1BUG wrote:
>
> On 12/12/2012 08:09 AM, Larry Szendrei wrote:
> > No problem, Paul. Although I am serious about my AM operation and
> > try to get the best audio possible, depending on what I'm using, of
> > course, I'm not an audio "snob" and am happy to talk to anyone on
> > AM, especially you, regardless of what they are using and how they
> > sound. "Lousy AM" usually still beats "good SSB!"
>
> Thanks Larry! I would be interested in an *honest* critique of just
> how it sounds. I've only been on AM a couple of times with it, on 6
> meters to help a local friend test boatanchor rigs he had acquired.
>
I would make an audio recording for you, but can't do it from the cellar
shack where the OT stuff resides. Perhaps later we can QSO from my 1st
floor shack where I can make a recording of your audio and send you the
sound file.
>
>
> >> I would be pleased to record your signal
> >> and send you an MP3 sound bite if that might be of interest.
> >>
> > That would be very much appreciated.
>
> Consider it done. I sure hope conditions are good enough between us
> at the time so that I can get a good clean recording for you.
>
I see no reason why they shouldn't be on 80M that time of day and this
time of year, unless the sun farts ;-)
>
>
> > Friday morning around 9:00AM would work well. We can choose a
> > frequency down in the 80M portion of the band - it will be less
> > likely that our QSO will be interrupted by breaking stations. I can
> > go as low as 3610 KHz
>
> 9:00AM Friday on or about 3610 kHz it is. That end of the band works
> better for another reason as well. Due to some of the more annoying
> laws of physics, my inverted V with somewhat lengthy coax feed is
> more efficient down there. :)
>
> See you there!
>
See you then/there! You call me, as you are probably running more power
(typical modern transceivers can run 20-25W of carrier on AM, while the

Hartley does 5W of carrier out.) I'll start at 3610 and tune up from there, in case 3610 isn't free.

73,
-Larry/NE1S

7317. Re: [AWA Group] Plate-modulated Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 15:27:51 UTC
From: Larry Szendrei
Topic: 7290 Message: 7317

On 12/13/12 7:28 AM, Eddy Swynar wrote:
>
> */Hi Paul & Larry,/*
>
> I wish I could eavesdrop in on you two, but I have a breakfast date
> with 3 retiree friends of mine from where we used too work, at exactly
> 9:00 AM...
>
> All I can say is, "/Good luck, you two...!"I wish I could be
> on-frequency,listening.../
>
> */~73~ de Eddy VE3CUI - VE3XZ /*
>
Eddy,

We should do this again sometime soon when you can join us, and a bit earlier in the morning when 80M propagation would probably be better to your QTH.

73,
-Larry/NE1S

7318. RE: [AWA Group] BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 13:04:59 UTC
From: barry whittemore
Topic: 7313 Message: 7318

I just ran my paper log through the scanner and emailed it along. I hope that was OK.
I had to relearn how to do the whole paper log thing. but with only 9 QSOs it was fairly easy to add them to my electronic log.
I just couldnt find a circuit for computer interface on any of the 29ers circuits that i found .

Barry
NF1O

To: AWAGroup@yahoogroups.com
From: paul@n1bug.com
Date: Thu, 13 Dec 2012 07:46:32 -0500
Subject: [AWA Group] BK log questions

I'm trying to psyche myself up to deal with the aftermath of the BK. QSOs need to be entered into my main station log (on computer), and I need to either transcribe the logs into cleaner format for paper submission or figure out exactly how to do it by email.

I'm wondering how logs are to be submitted via email, or how others do it. My experience has been that simply typing formatted text into an email (even if both the sending and receiving email clients are set up for plain text only) can result in some perfectly horrible messing up of said format. Then there's the question of whether to try to make columns line up using spaces for tabs. Attaching plain text files is hardly more reliable, in my experience. So I'm just curious, should I opt to go that route, how is it to be done? With all this iffiness I may just send in paper logs. I did see the exchange about putting them in band sequence rather than chronological. Does that apply to paper logs as well?

I really am not looking forward to dealing with the post-activity paperwork at all, I'm afraid.

Egad! Gotta run... I'm starting yet another day behind schedule and will be racing to catch up.

73,
Paul N1BUG

7319. Re: [AWA Group] BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 14:51:54 UTC
From: Niel - W0VLZ
Topic: 7313 Message: 7319

Paul,

I just used a spreadsheet program to create a log formated like the official log sheet, scanned the resulting hardcopy and emailed Scott the jpg file. See http://w0vlz.blogspot.com/ . If you don't have a scanner I bet Scott can work from a pdf file that is usually a spreadsheet printing option

73,
Niel - W0VLZ

N1BUG wrote:
>
> I'm trying to psyche myself up to deal with the aftermath of the BK.
> QSOs need to be entered into my main station log (on computer), and
> I need to either transcribe the logs into cleaner format for paper
> submission or figure out exactly how to do it by email.
>
> I'm wondering how logs are to be submitted via email, or how others
> do it. My experience has been that simply typing formatted text into
> an email (even if both the sending and receiving email clients are
> set up for plain text only) can result in some perfectly horrible
> messing up of said format. Then there's the question of whether to
> try to make columns line up using spaces for tabs. Attaching plain
> text files is hardly more reliable, in my experience. So I'm just
> curious, should I opt to go that route, how is it to be done? With
> all this iffiness I may just send in paper logs. I did see the
> exchange about putting them in band sequence rather than
> chronological. Does that apply to paper logs as well?
>
> I really am not looking forward to dealing with the post-activity
> paperwork at all, I'm afraid.
>
> Egad! Gotta run... I'm starting yet another day behind schedule and
> will be racing to catch up.
>
> 73,
> Paul N1BUG
>
>

7320. Re: [AWA Group] BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 18:50:40 UTC
From: ve7sl@shaw.ca
Topic: 7313 Message: 7320

Scott - is the 'whitebear1122' OK as well? I posted a notice on the front page of the group last night showing this address but I can whip up another jpg file if you would rather use the other address.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7321. Re: [AWA Group] BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 20:32:46 UTC
From: N1BUG
Topic: 7313 Message: 7321

OK, thanks guys! I think I will try VE7SL's method and hope
something along the way doesn't munge it. I may even get to it
before the deadline! ;-) But if not I had a LOT of fun operating
and there's always next year!

73,
Paul N1BUG

7322. Re: [AWA Group] BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 21:59:30 UTC
From: whitebear1122@comcast.net
Topic: 7313 Message: 7322

Yep scanning and emailing is fine as long as the log is readable. Please email to wa9wfa@... 73, Scott WA9WFA

----- Original Message -----
From: "barry whittemore" <wb1edi@...>
To: "awa" <awagroup@yahoogroups.com>
Sent: Thursday, December 13, 2012 7:04:59 AM
Subject: RE: [AWA Group] BK log questions

I just ran my paper log through the scanner and emailed it along. I hope that was OK.
I had to relearn how to do the whole paper log thing. but with only 9 QSOs it was fairly easy to add them to my electronic log.
I just couldnt find a circuit for computer interface on any of the 29ers circuits that i found .

Barry
NF1O

7323. Re: [AWA Group] BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 22:06:55 UTC
From: whitebear1122@comcast.net
Topic: 7313 Message: 7323

Steve, I would prefer you send logs to wa9wfa@...

This whitebear1122@... address is the account I use for all my BA lists so there may be 50 emails a day coming in there. It's so easy to lose track of a personal email with that many incoming emails. In two or three days that email is a hundred or more emails down and off the page. The box usually has 300 to 400 in there before I clean house.

Last year I had people emailing me logs at my personal home email address, the whitebear1122 address, wa9wfa address, snailmail, and got one or two on my work email address. It makes it more difficult to manage logs when they're c oming in on so many accounts.

I missed documenting one log last year, so I'm trying extra hard this year to get the snail mail logs in a shoe box right when they come into the house, and the emailed logs QSL'd and stored in one file.

73, Scott WA9WFA

----- Original Message -----

From: ve7sl@...
To: AWAGroup@yahoogroups.com
Sent: Thursday, December 13, 2012 12:50:40 PM
Subject: Re: [AWA Group] BK log questions

Scott - is the 'whitebear1122' OK as well? I posted a notice on the front page of the group last night showing this address but I can whip up another jpg file if you would rather use the other address.

Steve

7324. Re: [AWA Group] BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 22:11:06 UTC
From: whitebear1122@comcast.net
Topic: 7313 Message: 7324

Yes I can work from a spreadsheet just so it's formated like the official log. People email WORD logs, scanned handwritten logs, PDF files. I don't care if you send it in on a napkin just so it's in the 29 Log format and legible. :) Paul, you better send your log in. I get the feeling you are one of the bigger scoring stations. 73, Scott WA9WFA

----- Original Message -----
From: "Niel - W0VLZ" <w0vlz@aggienetwork.com>
To: AWAGroup@yahoogroups.com
Cc: "N1BUG" <paul@...m>
Sent: Thursday, December 13, 2012 8:51:54 AM
Subject: Re: [AWA Group] BK log questions

Paul,

I just used a spreadsheet program to create a log formated like the official log sheet, scanned the resulting hardcopy and emailed Scott the jpg file. See http://w0vlz.blogspot.com/ . If you don't have a scanner I bet Scott can work from a pdf file that is usually a spreadsheet printing option

73,
Niel - W0VLZ

N1BUG wrote:
>
> I'm trying to psyche myself up to deal with the aftermath of the BK.
> QSOs need to be entered into my main station log (on computer), and
> I need to either transcribe the logs into cleaner format for paper
> submission or figure out exactly how to do it by email.
>
> I'm wondering how logs are to be submitted via email, or how others
> do it. My experience has been that simply typing formatted text into
> an email (even if both the sending and receiving email clients are
> set up for plain text only) can result in some perfectly horrible
> messing up of said format. Then there's the question of whether to
> try to make columns line up using spaces for tabs. Attaching plain
> text files is hardly more reliable, in my experience. So I'm just
> curious, should I opt to go that route, how is it to be done? With
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> exchange about putting them in band sequence rather than
> chronological. Does that apply to paper logs as well?
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> I really am not looking forward to dealing with the post-activity
> paperwork at all, I'm afraid.
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> will be racing to catch up.
>
> 73,
> Paul N1BUG
>
>

Yahoo! Groups Links

7325. Re: [AWA Group] BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-13 23:19:34 UTC
From: Larry Szendrei
Topic: 7313 Message: 7325

On 12/13/12 5:06 PM, whitebear1122@... wrote:
> Last year I had people emailing me logs at my personal home email
> address, the whitebear1122 address, wa9wfa address, snailmail, and got
> one or two on my work email address. It makes it more difficult to
> manage logs when they're coming in on so many accounts.

And one came in a box also containing two 816 tubes.

> I missed documenting one log last year, so I'm trying extra hard this
> year to get the snail mail logs in a shoe box right when they come
> into the house, and the emailed logs QSL'd and stored in one file.
>
>
Was that mine (the one in the box with the tubes)? If not, you missed 2 ;-)

73,
-Larry/NE1S

7326. Re: [AWA Group] BK log questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-14 15:10:28 UTC
From: whitebear1122@comcast.net
Topic: 7313 Message: 7326

Larry, Oh that's right, I forgot about the 29 log in the tube box. So last year 29 logs came in on my home personal email, wa9wfa@comcast.net email, whitebear1122.net email, work email, snail mail, and one in a box of tubes. har har The only thing left is for someone to drop theirs off or call it in on the phone . hi hi 73, Scott WA9WFA ----- Original Message ----- From: "Larry Szendrei" To: AWAGroup@yahoogroups.com Sent: Thursday, December 13, 2012 5:19:34 PM Subject: Re: [AWA Group] BK log questions On 12/13/12 5:06 PM, whitebear1122@... wrote: Last year I had people emailing me logs at my personal home email address, the whitebear1122 address, wa9wfa address, snailmail, and got one or two on my work email address. It makes it more difficult to manage logs when they're coming in on so many accounts. And one came in a box also containing two 816 tubes.
I missed documenting one log last year, so I'm trying extra hard this year to get the snail mail logs in a shoe box right when they come into the house, and the emailed logs QSL'd and stored in one file.
Was that mine (the one in the box with the tubes)? If not, you missed 2 ;-) 73, -Larry/NE1S

7327. 29 QSL Cards

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-14 15:19:43 UTC
From: whitebear1122@comcast.net
Topic: 7313 Message: 7327

I haven't sent out 1929 QSL cards from the BK 1929 QSO Party for maybe 3 years and figured it was time to do that again. Darn if I couldn't find my 1929 QSL card Corel Draw file to print some more up. Yesterday I even bought an IDE to USB adapter to read up 3 old hard drives where I was sure that file would be located. Couldn't find it. It's probably on the one hard drive that isn't readable anymore. Darn... That takes a long time to create a qsl.

I've started working on a new 1929 style QSL card using Corel Draw. I've got it about 70% complete and hope to finish it off this weekend and start printing them up. Steve, one will be coming your way and I'd sure like to get it included in your 1929 page .

73, Scott WA9WFA

7328. NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-14 15:26:44 UTC
From: N1BUG
Topic: 7328 Message: 7328
Attachments: 1 described; binary payloads are missing from this source WARC

Wow!!! I just had a great AM QSO with Larry, who was using his Hartley modulated by a pair of '45's. Here is a very short clip of his signal. Bear in mind this was recorded from a very modern receiver which is NOT hi-fi by any means. His audio probably sounds better on a vintage AM receiver. Nice job, Larry!

73,
Paul N1BUG

7329. Pass along - CW Forever

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-14 15:33:46 UTC
From: Roger Kuchera
Topic: 7329 Message: 7329

CW FOREVER AND EVER
by Jim Hatherley, WA1TBY
You must have at times thought into the past,
Where some things go out while others last,
What comes to my mind is the old morse code,
That has weathered the storms from any abode,
To talk with ones fingers is surely an art,
Of any info you care to impart,
In most conditions the signals get through,
While the same about phone is simply not true,
Those dits and dahs cut through the trash,
Of near by noise or lightning's crash,
To the sensitive ears of the hams receiver,
Who records this data with ardent fever,
He knows he's doing something unique,
(In such poor conditions that's quiet a feat),
To roger the message that came off the air,
These brass pounders sure do have that flair,
They say Morse ops are a dying breed,
But don't despair there's always that need,
That when conditions get rough for the new automation,
Be rest assured there'll be need for your station,
CW is dying? Believe it never,
This mode will be 'round forever and ever,
But one thing is sure what we really need,
Is to relay out knowledge to the younger breed,
To carry the torch long after we're gone,
To send Morse code through the air like a song,
When at last silent keys pull that lever,
We can rest in peace,
It's CW forever.

Taken from COLLECTOR AND EMITTER OF FEBURARY 1998

7330. Re: [AWA Group] NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-14 16:11:59 UTC
From: Eddy Swynar
Topic: 7328 Message: 7330

On 2012-12-14, at 10:26 AM, N1BUG wrote:

> Wow!!! I just had a great AM QSO with Larry, who was using his
> Hartley modulated by a pair of '45's. Here is a very short clip of
> his signal. Bear in mind this was recorded from a very modern
> receiver which is NOT hi-fi by any means. His audio probably sounds
> better on a vintage AM receiver. Nice job, Larry!

Hi Paul & Larry,

WOW is right...!

That thing sounds just GREAT, Larry---and Paul, you did a wonderful job in taping that.

BTW Larry, are you planning to use that rig in the AWA AM QSO Party in February...?

~73~ de Eddy VE3CUI - VE3XZ

7331. Re: [AWA Group] 29 QSL Cards

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-14 18:01:44 UTC
From: ve7sl@shaw.ca
Topic: 7313 Message: 7331

>Steve, one will be coming your way and I'd sure like to get it included in
>your 1929 page .

Sure thing....maybe I need to start a '29 QSL gallery with bigger pictures,
to go along with the tx gallery.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7332. Re: [AWA Group] NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-14 20:01:14 UTC
From: Larry Szendrei
Topic: 7328 Message: 7332

On 12/14/12 11:11 AM, Eddy Swynar wrote:
> */Hi Paul & Larry,/*
>
> /WOW is right...!/
>
> That thing sounds just /GREAT/, Larry---and Paul, you did a wonderful
> job in taping that.
>
> BTW Larry, are you planning to use that rig in the /AWA AM QSO
> Party/in February...?
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
Thanks, Eddy.

As far as using the rig in the Feb. AM QSO party - I'd like to, but I'm not sure how much I'll be able to participate. The QSO party falls on the same weekend as the Westford MA antique radio meet, which I usually like to attend - it's the Sunday of the QSO party weekend (Feb. 17th). Which will only leave me Sat. night from 6PM when the QSO party begins, until I go to bed, and maybe late Sunday afternoon until 6PM when it ends. Since 5W of AM isn't going to cut it under night-time conditions, My only realistic hope for putting the little AM Hartley on the air, therefore, is late Sunday PM.

73,
-Larry/NE1S

7333. Re: [AWA Group] NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-14 21:03:24 UTC
From: ve7sl@shaw.ca
Topic: 7328 Message: 7333

Very very cool Larry! I often wondered how the boys of '29 might have sounded on phone and now I know...they sounded just wonderful. Thanks for the file Paul.

Steve / 73

> Wow!!! I just had a great AM QSO with Larry, who was using his
> Hartley modulated by a pair of '45's. Here is a very short clip of
> his signal. Bear in mind this was recorded from a very modern
> receiver which is NOT hi-fi by any means. His audio probably sounds
> better on a vintage AM receiver. Nice job, Larry!
>
> 73,
> Paul N1BUG
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7334. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-15 04:12:03 UTC
From: Bauman, John
Topic: 7328 Message: 7334

Now that sounded real good! Hats off to ya Larry!!
Not a bad recording at all Paul.

John
KB7NRN

On Behalf Of N1BUG [paul@...]

Wow!!! I just had a great AM QSO with Larry, who was using his Hartley modulated by a pair of '45's. Here is a very short clip of his signal. Bear in mind this was recorded from a very modern receiver which is NOT hi-fi by any means. His audio probably sounds better on a vintage AM receiver. Nice job, Larry!

73,
Paul N1BUG

7335. Re: [AWA Group] NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-15 13:15:14 UTC
From: Larry Szendrei
Topic: 7328 Message: 7335

On 12/14/12 4:03 PM, ve7sl@... wrote:
>
> Very very cool Larry! I often wondered how the boys of '29 might have
> sounded on phone and now I know...they sounded just wonderful. Thanks for
> the file Paul.
>
> Steve / 73
>
Thanks, Steve (and John KB7NRN), for the kudos. I am simply amazed at how well that contraption works myself.

There are a few things I'm using that the 1929 ham would not have had at his disposal. First, the modulation transformer to couple PP modulators to the oscillator plate supply. IIRC amateur phone stations of 1929, what few of them existed, used single-ended class A Heising modulation, which develops the modulating audio voltage across a choke. That wasn't very efficient, and you needed a pretty big tube to develop even modest audio power. Grid modulation may also have been used (I'm not sure about that one, though). Also inefficient, like all "efficiency modulation" schemes. However, both methods are capable of good fidelity.

Secondly, the 1929 fone station would almost certainly use a carbon microphone. This would limit the fidelity to landline telephone-quality. I was using an electret button-style microphone element, the kind that Radio Shack used to sell for $0.99. As a matter of fact, that's where I got this one and exactly how much I paid for it. They have a frequency response of 20-20000 Hz and are capable of excellent fidelity - I use them exclusively in all my shacks (scattered all over the house ;-)) That fed a 2-stage hbrew preamp with one npn gain stage and an npn phase splitter so that the correct audio phase can be selected. The output of the phase splitter goes into a 10-band equalizer, whose output finally feeds a type '27 resistance-coupled audio stage, which feeds another type '27 as an audio driver for the PP '45s, transformer-coupled to the '45 grids. I could, with some difficulty, use an antique candlestick carbon mike I've got - but the thing has absolutely no low end and sounds horrible - intelligible, but that's about it. It sounds worse that the average carbon mike, none of which are high-fidelity.

Finally, I incorporated a high-level negative peak limiter using solid-state diodes (IN4007s). It's a great system for modulating an oscillator, because it allows one to limit the negative audio peaks to a voltage that still allows the oscillator to run. It could be done with three mercury-vapor rectifier tubes, but three separate filament transformers would be needed which would be expensive and bulky. In any case, although it's a simple circuit, it had not yet been invented in 1929.

73,
-Larry/NE1S

7336. Re: [AWA Group] NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-15 15:18:00 UTC
From: Larry Szendrei
Topic: 7328 Message: 7336

On 12/15/12 8:15 AM, Larry Szendrei wrote:
>
> Finally, I incorporated a high-level negative peak limiter using
> solid-state diodes (IN4007s). It's a great system for modulating an
> oscillator, because it allows one to limit the negative audio peaks to
> a voltage that still allows the oscillator to run. It could be done
> with three mercury-vapor rectifier tubes, but three separate filament
> transformers would be needed which would be expensive and bulky. In
> any case, although it's a simple circuit, it had not yet been invented
> in 1929.
>
Correction - it could be done with two filament transformers. Two of the
mercury-vapor tubes could share a common transformer, as two of the
diode cathodes share a common node.

-'1S

7337. Re: [AWA Group] NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-15 16:55:34 UTC
From: ve7sl@shaw.ca
Topic: 7328 Message: 7337

> There are a few things I'm using that the 1929 ham would not have had at
> his disposal..... it had not yet been invented in 1929.

Drat Larry!....you've burst my bubble. So the boys of '29 more likely sounded pretty awful on phone :-((....but I'm sure they had just as much fun! Tnx for the lowdown...your 'simple' station sounds wonderful on AM.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7338. Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-16 16:51:16 UTC
From: Bauman, John
Topic: 7328 Message: 7338
Attachments: 1 described; binary payloads are missing from this source WARC

I would like the groups opinion on a new transmitter project. Please see attached schematic.
This is based on a few circuits I've found on the web and in Handbooks. It's mostly based on
WD8DAS's transmitter here http://www.qsl.net/wd8das/dream.html

But instead of a PI net output I opted for a link coupled circuit.

This will be built on an aluminum and wood chassis as a mini rack.

I've started the power supply, it is a bit overkill but I'm using what I have on hand. There
are separate transformers for high and low B+. The high B+ transformer has 12.6 v for filament so that's why the 807 filaments are wired in series.

I would appreciate feedback on the circuit, is there anything I've over looked or a better way?
Please feel free to give me your thoughts.

Thanks,
John
KB7NRN

_____
Please visit ATI's all-new website: www.atimetals.com

7339. Re: [AWA Group] Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-16 17:48:24 UTC
From: Bill Stewart
Topic: 7328 Message: 7339

John, I would be very interested in how you make out with this project. I have had my eye on this WD8DAS rig and been wanting to match a 6AG7 with a couple of 807s or 1625s. I built up a single 6AG7 from a 1950 QST (very similar to the WD8DAS ckt) article that worked very well and is quite forgiving...in my opinion, makes a great xtal osc. I first built the circuit up on a bread board, with long leads sticking all over, clip leads, etc, you know how prototypes can look. Plus I did not use any voltage regulation. It worked with no problems both in the pt version and the finished. No chirp, buzz, hum, xtal drift, etc. My finished version is built on a couple of hb wood boxes. I used a 5Y3 for a rectifier. The ckt, grid-plate type, is also easy on xtals. I use it mostly on 40m but also works on 80. Good luck with it and keep us posted with lots of pix as you progress.

73 de Bill K4JYS

----- Original Message -----

I would like the groups opinion on a new transmitter project. Please see attached schematic.
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But instead of a PI net output I opted for a link coupled circuit.

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I've started the power supply, it is a bit overkill but I'm using what I have on hand. There
are separate transformers for high and low B+. The high B+ transformer has 12.6 v for filament so that's why the 807 filaments are wired in series.

I would appreciate feedback on the circuit, is there anything I've over looked or a better way?
Please feel free to give me your thoughts.

Thanks,
John
KB7NRN

_____
Please visit ATI's all-new website: www.atimetals.com

7340. Re: [AWA Group] Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-16 18:19:47 UTC
From: Larry Szendrei
Topic: 7328 Message: 7340

On 12/16/12 11:51 AM, Bauman, John wrote:
>
> I would like the groups opinion on a new transmitter project. Please
> see attached schematic.
> This is based on a few circuits I've found on the web and in
> Handbooks. It's mostly based on
> WD8DAS's transmitter here http://www.qsl.net/wd8das/dream.html
>
Looks like a winner, John, but don't forget to leave room for a
modulator for it in your mini-rack.

73,
-Larry/NE1S

7341. Re: Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-16 20:10:03 UTC
From: ab9zg@ymail.com
Topic: 7328 Message: 7341

It would be a good idea to put a bypass capacitor across the grid current meter.
I also suspect you will not be able to neutralize the 807's with a 30pf variable due to the minimum capacitance being to great. A well built 807 rig may not require neutralization:
http://n4trb.com/AmateurRadio/RCA_Ham_Tips/issues/rcahamtips0702.pdf
<It%20would%20be%20a%20good%20idea%20to%20put%20a%20bypass%20capacitor%2\
0across%20the%20grid%20current%20meter.%20I%20also%20suspect%20you%20wil\
l%20not%20be%20able%20to%20neutralize%20the%20807%27s%20with%20a%2030pf%\
20variable%20due%20to%20the%20minimum%20capacitance%20being%20to%20great\
.%20A%20well%20built%20807%20rig%20may%20not%20require%20neutralization:\
%20http://n4trb.com/AmateurRadio/RCA_Ham_Tips/issues/rcahamtips0702.pdf>
--- In AWAGroup@yahoogroups.com, "Bauman, John" <john.bauman@...> wrote:
>
> I would like the groups opinion on a new transmitter project. Please see attached schematic.
> This is based on a few circuits I've found on the web and in Handbooks. It's mostly based on
> WD8DAS's transmitter here http://www.qsl.net/wd8das/dream.html
>
> But instead of a PI net output I opted for a link coupled circuit.
>
> This will be built on an aluminum and wood chassis as a mini rack.
>
> I've started the power supply, it is a bit overkill but I'm using what I have on hand. There
> are separate transformers for high and low B+. The high B+ transformer has 12.6 v for
> filament so that's why the 807 filaments are wired in series.
>
> I would appreciate feedback on the circuit, is there anything I've over looked or a better way?
> Please feel free to give me your thoughts.
>
> Thanks,
> John
> KB7NRN
>
> _____
> Please visit ATI's all-new website: www.atimetals.com
>

7342. Re: Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-16 20:13:56 UTC
From: Ron Barlow
Topic: 7328 Message: 7342

Hi John,
As currently shown, in your diagram, one end of the tank circuit is literally "hanging in space". The output stage will not work correctly this way, if it works at all.
If nothing else, I believe that harmonic attenuation would be greatly reduced by this configuration, but I believe that other problems would also result. At a minimum, I suggest that you add a ~ .01 mfd 1 kv RF bypass cap, between the center tap of the tank coil, and chassis ground, but this would be a poor choice, compared to other schemes, such as utilizing a split stator tuning cap, etc.

Also, please note, that, as shown, full plate voltage appears on the plate tank coil, which could be extremely dangerous, if one should come in contact, with the coil, or associated circuitry. I would suggest using a shunt fed plate tank circuit, if this is a concern.
If you do use the series fed arrangement (as per your diagram), I would strongly suggest adding an RF choke(s), from one or both sides of the output link, to chassis ground. The purpose of this is to prevent the B+ voltage from appearing on your antenna or (if used) your antenna tuner, if the link coil should come in contact with the tank coil. A ~ 1/4 ampere fuse should be added, in the B+ lead, in the event of such an incident.

Another caveat concerns the screen grids of the 807. If the 250v is ever applied, to the screens, without plate voltage, the screen grids will vaporize in milliseconds, leaving you with 2 worthless, gassy triodes! I know from a personal long ago experience, with what had been a new pair of 807s! My situation was caused by an RF choke failure (failed open), but any failure that results in loss of the plate voltage, will yield the same very bad result.
If such a failure never occurs, it is a non-issue.
However, if you wish to avoid tube failure, in the event of such a problem, you could derive the screen voltage, from the plate voltage source, via a dropping resistor. If the plate voltage is ~ 750 volts, a 30,000 ohm, 12 watt (or more) resistor would be ~ correct, for this purpose. With this resistor in place, the screens grids will not be damaged, even if the plate voltage is lost, and the key held down, for a week.
A further refinement involves adding a pair of VR tubes, which would function as a "clamp". While not necessary, this refinement will prevent the screen voltage from soaring, during "key up" periods. If you are interested in this refinement, I will explain further.
GL with ur project & 73 de Ron n4gjv

From: "Bauman, John" <john.bauman@...>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Sunday, December 16, 2012 11:51 AM
Subject: [AWA Group] Your opinion, new TX proj.

I would like the groups opinion on a new transmitter project. Please see attached schematic.
This is based on a few circuits I've found on the web and in Handbooks. It's mostly based on

WD8DAS's transmitter here http://www.qsl.net/wd8das/dream.html

But instead of a PI net output I opted for a link coupled circuit.

This will be built on an aluminum and wood chassis as a mini rack.

I've started the power supply, it is a bit overkill but I'm using what I have on hand. There
are separate transformers for high and low B+. The high B+ transformer has 12.6 v for filament so that's why the 807 filaments are wired in series.

I would appreciate feedback on the circuit, is there anything I've over looked or a better way?
Please feel free to give me your thoughts.

Thanks,
John
KB7NRN

7343. Re: [AWA Group] Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-16 23:27:55 UTC
From: Roger Kuchera
Topic: 7328 Message: 7343

My 2 cents -
     Nicely done pix but why the breadboard? It would look classy on Aluminum too.
I would add a shield plate between the 6AG7 and the 807s (even though the 6AG7
is metal).

     Carry on!!

CUL, Roger/K1TG

--- On Sun, 12/16/12, Larry Szendrei <ne1s@...> wrote:

From: Larry Szendrei <ne1s@...>
Subject: Re: [AWA Group] Your opinion, new TX proj.
To: AWAGroup@yahoogroups.com
Date: Sunday, December 16, 2012, 1:19 PM

On 12/16/12 11:51 AM, Bauman, John wrote:

I would like the groups opinion on a new transmitter project. Please see attached
schematic.
This is based on a few circuits I've found on the web and in Handbooks. It's mostly based
on
WD8DAS's transmitter here http://www.qsl.net/wd8das/dream.html

Looks like a winner, John, but don't forget to leave room for a modulator for it in your
mini-rack.

73,
-Larry/NE1S

7344. RE:[AWA Group] Re: Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-17 00:23:27 UTC
From: Bauman, John
Topic: 7328 Message: 7344

Thanks for all the input guys.

Roger K1TG, in my original post I mentioned that it would be an aluminum and wood chassis. Wood frame with aluminum top for both the power supply and TX built in a mini rack config. Yes, I'll have a shield between osc & PA.

Ron N4GJV, the tank circuit is one I've seen used before and have built. Seems to work fine. See in the photo albums under John_kb7nrn<http://groups.yahoo.com/group/AWAGroup/photos/album/1293248833/pic/list?mode=tn&order=ordinal&start=1&dir=asc>/1934 <http://groups.yahoo.com/group/AWAGroup/photos/album/1293248833/pic/list?mode=tn&order=ordinal&start=1&dir=asc> MOPA for schematic. This was my version of Bill Orr's 1934 style transmitter. Works FB!. If this will not work with the 807 PA please explain.
I do appreciate your concern about safety tho I'm fully aware of turning power off and bleeding power supply before changing coils.
I also tune up into a 50 ohm load and use coax between the TX and antenna tuner so one side is always grounded. If the link coil shorts against the tank coil, it shorts to ground.
Thanks for the caution on the screen grids. I forgot about that. I have most of the power supply built and provided two fuses, switches and lights for both 250v & 750v supplies. The power switch for the 750v supply is a DPST so I can wire the screen grid voltage through the second set of contacts that normally wouldn't be used. This way 250v can't get to the screen grids unless the plate supply is on.

Jon AB9ZG, OK on bypass cap on grid current meter. Neutralization may not be needed for lower bands but what about the higher bands? The neut. cap value wasn't carved in stone. I have a National neutralizing cap that can be opened for minimum capacity of just a couple mmf. Tnx for the link, good reading.

Larry NE1S, Hmm, a modulator... I've had a hard time finding modulator transformers. If you got a spare 50 watt transformer I'll take it!

Bill K4JYS, Yes, the 6AG7 oscillator is real easy on xtals. I just sold a Globe Scout 680 I've had a few years that had a 6AG7 replace the 6V6 in the oscillator. I could use my HC49 xtals in FT-243 holders just fine with it. I even got it to work on 30 mtrs with a 6mhz hc49 xtal. I hope this transmitter works as good.

Thanks again,
John
KB7NRN

7345. Re: [AWA Group] Re: Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-17 00:54:26 UTC
From: N1BUG
Topic: 7328 Message: 7345

On 12/16/2012 07:23 PM, Bauman, John wrote:
> Works FB!. If this will not work with the 807 PA
> please explain.

John,

I know that was directed to Ron, N4GJV, and he is the real expert on tube circuits! I'm sure he will provide a more in depth analysis, but I can see a problem right off the bat. The tank in your 1934 MOPA has a connection that what are proposing does not. They are not the same.

Look closely at the schematic for your 1934 MOPA. Look at the center tap on L2. There is an RF path to the cathode of the 46's via C9 and C11/C12.

Now look at the schematic you are proposing for your new transmitter. The center tap on L2 has no RF path back to the cathode of the 807's. That's a problem, and is why Ron suggested as a minimum you add a capacitor similar to C9 in the 1934 MOPA (though he goes on to point out there are better ways of doing it).

73,
Paul N1BUG

7346. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: Re: [AWA Group] Re: Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-17 01:28:08 UTC
From: Bauman, John
Topic: 7328 Message: 7346

Thanks for the explanation Paul!
Now I understand what Ron was getting at.
I'll add the bypass cap to the center tap of the tank.
Unfortunately I don't have a split stator tuning cap at the moment.

John,
KB7NRN

On Behalf Of N1BUG [paul@...]

John,

Look closely at the schematic for your 1934 MOPA. Look at the center tap on L2. There is an RF path to the cathode of the 46's via C9 and C11/C12.

7347. Re: [AWA Group] Re: Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-17 04:35:06 UTC
From: Ron Barlow
Topic: 7328 Message: 7347

Hi John
 The reason that your 34 style tx worked ok, is that bypass capacitor C-9 is included in that circuit. Your 2 x 807 tx diagram does not show a bypass cap, in that location.
  I believe that your neutralization scheme will work ok, but as pointed out by Jon, the cap size indicated is too large. A small gimmick cap (a wire probe) would suffice, with the 807s, as their plate to control grid capacitance is much smaller than that of the 46's.
GL & 73 de Ron n4gjv

From: "Bauman, John" <john.bauman@...>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Sunday, December 16, 2012 7:23 PM
Subject: RE:[AWA Group] Re: Your opinion, new TX proj.

Thanks for all the input guys.Roger K1TG, in my original post I mentioned that it would be an aluminum and wood chassis. Wood frame with aluminum top for both the power supply and TX built in a mini rack config. Yes, I'll have a shield between osc & PA.Ron N4GJV, the tank circuit is one I've seen used before and have built. Seems to work fine. See in the photo albums under John_kb7nrn<http://groups.yahoo.com/group/AWAGroup/photos/album/1293248833/pic/list?mode=tn&order=ordinal&start=1&dir=asc>/1934 <http://groups.yahoo.com/group/AWAGroup/photos/album/1293248833/pic/list?mode=tn&order=ordinal&start=1&dir=asc> MOPA for schematic. This was my version of Bill Orr's 1934 style transmitter. Works FB!. If this will not work with the 807 PA please explain.I do appreciate your concern about safety tho I'm fully aware of turning power off and bleeding power supply before changing coils.I also tune up into a 50 ohm load and use coax between the TX and antenna tuner
so one side is always grounded. If the link coil shorts against the tank coil, it shorts to ground.Thanks for the caution on the screen grids. I forgot about that. I have most of the power supply built and provided two fuses, switches and lights for both 250v & 750v supplies. The power switch for the 750v supply is a DPST so I can wire the screen grid voltage through the second set of contacts that normally wouldn't be used. This way 250v can't get to the screen grids unless the plate supply is on.Jon AB9ZG, OK on bypass cap on grid current meter. Neutralization may not be needed for lower bands but what about the higher bands? The neut. cap value wasn't carved in stone. I have a National neutralizing cap that can be opened for minimum capacity of just a couple mmf. Tnx for the link, good reading.Larry NE1S, Hmm, a modulator... I've had a hard time finding modulator transformers. If you got a spare 50 watt transformer I'll take it!Bill K4JYS, Yes, the 6AG7 oscillator is real easy on xtals. I just sold a Globe Scout 680 I've had a few years that had a 6AG7 replace the 6V6 in the oscillator. I could use my HC49 xtals in FT-243 holders just fine with it. I even got it to work on 30 mtrs with a 6mhz hc49 xtal. I hope this transmitter works as good.Thanks again,JohnKB7NRN

7348. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: Re: [AWA Group] Re: Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-17 05:47:55 UTC
From: Bauman, John
Topic: 7328 Message: 7348

Thanks Ron!

On Behalf Of Ron Barlow [imalowfer@...]

Hi John
The reason that your 34 style tx worked ok, is that bypass capacitor C-9 is included in that circuit. Your 2 x 807 tx diagram does not show a bypass cap, in that location.
I believe that your neutralization scheme will work ok, but as pointed out by Jon, the cap size indicated is too large. A small gimmick cap (a wire probe) would suffice, with the 807s, as their plate to control grid capacitance is much smaller than that of the 46's.
GL & 73 de Ron n4gjv

7349. Re: [AWA Group] NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-17 12:51:16 UTC
From: Larry Szendrei
Topic: 7328 Message: 7349

On 12/15/12 11:55 AM, ve7sl@... wrote:
>
> > There are a few things I'm using that the 1929 ham would not have had at
> > his disposal..... it had not yet been invented in 1929.
>
> Drat Larry!....you've burst my bubble. So the boys of '29 more likely
> sounded pretty awful on phone :-((....but I'm sure they had just as much
> fun! Tnx for the lowdown...your 'simple' station sounds wonderful on AM.
>
> Steve
>
Hi Steve & group,

A grid or Heising plate modulated MOPA could be made to sound pretty decent, especially if a high-Z XTAL microphone were used. Even a modulated oscillator without the high-level negative peak-limiting would sound okay if the modulation index was kept low enough so that the oscillator didn't quit on negative peaks. I don't know offhand if XTAL mikes were available to the 1929 fone man or not. If they were, the carbon microphone would have certainly been more common, and less expensive.

My rig actually is quite simple. I have provision for a hi-Z microphone input using an additional preamp stage with a 24-A built into the modulator chassis and have used it occasionally instead of the modern electret mike/equalizer audio feed. When I get a chance - hopefully in the not-too-distant future - I'll draw up a schematic and post it here, and you'll see how basic it is.

73,
-Larry/NE1S

7350. Re: Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-17 17:52:11 UTC
From: JAMES HANLON
Topic: 7328 Message: 7350

John,

Your schematic did not come through on the Digest version of the AWA messages that I get, so I can't comment there. I did, however, get a look at the picture of the WD8DAS breadboard rig and his writeup, and honestly I am quite surprised that he reported it to be stable. I was first licensed in 1952, just before the 6146 was introduced, so I have a fair amount of personal experience with 807 rigs of the day, both home-brew and commercial. The 807 and 1625 are certainly good tubes, but they have a reputation for being quite unstable, for breaking into oscillation both near the fundamental frequency of the amplifier and for UHF oscillations, unless the mechanical design of the amplifier is very carefully considered. If you look at some of the successful 807 rigs of the day, for example the Command Set transmitters, the Millen 90800 6L6/807 "exciter," and the Johnson Adventurer, you will see a lot of shielding employed between the input side of the amplifier and the plate tank. The Millen even uses a concentric shield around the 807 itself. I have a Lettine 240, a commercial rig using a 6V6 oscillator driving an 807 that was sold for more than a decade. It lacks good sheilding and a good layout, and the 807 stage oscillates merrily on its own unless it is very carefully tuned. My older brother built a push-pull 807 final amplifier from a QST article around 1950, using a National MB-40 multiband tank in the grid tank and an MB-150 in the plate tank. It turned out to be a great TGTP oscillator despite all of the efforts that he and several experienced local hams put into it. We finally converted it to a pair of neutralized 809 triodes with plug-in coils in the grid and plate tanks to get it stabilized.

My best suggestion for you since you seem to be interested in building a single-band, oscillator amplifier transmitter using a pair of 807's in the amp would be to emulate the physical design of a known stable transmitter like a Command Set. You would save yourself an awful lot of headaches that way.

Jim, W8KGI

7351. Re: [AWA Group] Re: Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-17 17:52:31 UTC
From: Ron Barlow
Topic: 7328 Message: 7351

Hi Paul
 Your reply to John was better than mine, but I was in a nearly asleep type mode, and I hadn't read your reply, before I initiated mine!
 Many thanks for the compliment, but I am far from being an expert, more like an interested, and learning tinkerer!

 John, your version of Bill Orr's 34 MOPA looks absolutely superb!
 I have a couple of 46's lying about, "somewhere". (I am disorganized beyond words. I can always find whatever I am not searching for, and I can never find that which I actually am searching for!)
 I found the 46's at the Charlotte, NC AWA meet, ~ 8 or so years ago, and I intended to use them in a "29" style transmitter. After arriving home, with my "find", I was very disappointed to learn that they were too "new" to be eligible, for the BK QSO party. They have been resting, since then.
 Perhaps I will try to put them to work, in a somewhat/slightly similar transmitter. Rest assured, however, my version will not be anywhere nearly as "pretty" as yours!
GL with your project & vy 73 to all!
Ron n4gjv

From: N1BUG <paul@n1bug.com>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 16, 2012 7:54 PM
Subject: Re: [AWA Group] Re: Your opinion, new TX proj.

On 12/16/2012 07:23 PM, Bauman, John wrote:> Works FB!. If this will not work with the 807 PA> please explain.John,I know that was directed to Ron, N4GJV, and he is the real expert on tube circuits! I'm sure he will provide a more in depth analysis, but I can see a problem right off the bat. The tank in your 1934 MOPA has a connection that what are proposing does not. They are not the same.Look closely at the schematic for your 1934 MOPA. Look at the center tap on L2. There is an RF path to the cathode of the 46's via C9 and C11/C12.Now look at the schematic you are proposing for your new transmitter. The center tap on L2 has no RF path back to the cathode of the 807's. That's a problem, and is why Ron suggested as a minimum you add a capacitor similar to C9 in the 1934 MOPA (though he goes on to point out there are better ways of doing it).73,Paul N1BUG

7352. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: Re: [AWA Group] Re: Your opinion, new TX proj.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-17 21:01:38 UTC
From: Roger Kuchera
Topic: 7328 Message: 7352

Hello John,
Strangely enough, I was looking through my QST collection for info on
800 triode circuits and I ran across this:

Check pages 39 & 40 of the June, 1934 QST. It claims to be as good as
a split-stator setup.

CUL, Roger/K1TG

--- On Sun, 12/16/12, Bauman, John <john.bauman@atimetals.com> wrote:

> From: Bauman, John <john.bauman@...>
> Subject: RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: Re: [AWA Group] Re: Your opinion, new TX
proj.
> To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
> Date: Sunday, December 16, 2012, 8:28 PM
> Thanks for the explanation Paul!
> Now I understand what Ron was getting at.
> I'll add the bypass cap to the center tap of the tank.
> Unfortunately I don't have a split stator tuning cap at the
> moment.
>
> John,
> KB7NRN
>
>
>
> _____
> On Behalf Of N1BUG [paul@...]
>
> John,
>
> Look closely at the schematic for your 1934 MOPA. Look at
> the center
> tap on L2. There is an RF path to the cathode of the 46's
> via C9 and
> C11/C12.
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   AWAGroup-fullfeatured@yahoogroups.com

>
>

7353. Modulating a UX-865

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-18 21:22:10 UTC
From: N1BUG
Topic: 7353 Message: 7353

I suppose this question is more a matter of curiosity than indicative of a would-be project, at least in the near term. Ever since the QSO with Larry and his modulated Hartley, I've been wondering if my someday-to-be UX-210 --> UX-865 MOPA might be put on 'phone. In looking for practical circuits or information, the only reference I can find to modulating a UX-865 is a 1932 article in a professional journal - the text of which MAY be available for a fee, but I'm not sure I want to spend $31 on it just yet. Bear in mind the '865 is a screen grid tube, NOT a triode; hence my insecurity about modulating it.

Does anyone have information on a more-or-less 1929 compliant method of modulating a UX-865?

I'm more and more inclined to scrap plans for the third stage, which was to be a UX-860. It does not seem particularly likely that I would ever be able to build a period correct power supply for that.

73,
Paul N1BUG

7354. Re: [AWA Group] Modulating a UX-865

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-18 22:10:14 UTC
From: Larry Szendrei
Topic: 7353 Message: 7354

On 12/18/12 4:22 PM, N1BUG wrote:
>
> I suppose this question is more a matter of curiosity than
> indicative of a would-be project, at least in the near term. Ever
> since the QSO with Larry and his modulated Hartley, I've been
> wondering if my someday-to-be UX-210 --> UX-865 MOPA might be put on
> 'phone. In looking for practical circuits or information, the only
> reference I can find to modulating a UX-865 is a 1932 article in a
> professional journal - the text of which MAY be available for a fee,
> but I'm not sure I want to spend $31 on it just yet. Bear in mind
> the '865 is a screen grid tube, NOT a triode; hence my insecurity
> about modulating it.
>
> Does anyone have information on a more-or-less 1929 compliant method
> of modulating a UX-865?
>
Hi Paul,

Since the screen grid voltage will have more influence than the plate voltage on the plate current for any tube with a screen grid, the screen grid voltage needs to be modulated as well as the plate voltage.* The way this is usually done is to derive the screen voltage through a series voltage dropping resistor from the modulated plate supply, while bypassing the screen grid to ground for RF but not audio. The value of the screen grid dropping resistor can be calculated from the DC plate voltage (Ep), DC screen voltage (Esg), and DC screen current (Isg), all for class C operation. Using ohms law it will be (Ep-Esg)/Isg. This method has worked well for me in the past, although I haven't tried using an 865 - yet!

As to whether this method was used in 1929 - I don't know, but it's certainly the simplest way to do it, so would tend to think that it was.

*compare the shape of the plate characteristics for a screen-grid tube vs. a triode to see why.

I realize this isn't a complete answer to your question, and you may already know all I've said.

73,
-Larry/NE1S

7355. Re: [AWA Group] Modulating a UX-865

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-18 22:22:28 UTC
From: Jon Delventhal
Topic: 7353 Message: 7355

Paul,

I was considering converting my '10-'10 MOPA to a '10-'65 MOPA to eliminate the precise neutralization required and to prevent another tube socket from being ruined from the high peak plate voltages on PA. I will post the results of modulating it with a '50.

I also have that IRE article and will send it to you in a separate email.

Jon

From: N1BUG <paul@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Tuesday, December 18, 2012 3:22 PM
Subject: [AWA Group] Modulating a UX-865

I suppose this question is more a matter of curiosity than indicative of a would-be project, at least in the near term. Ever since the QSO with Larry and his modulated Hartley, I've been wondering if my someday-to-be UX-210 --> UX-865 MOPA might be put on 'phone. In looking for practical circuits or information, the only reference I can find to modulating a UX-865 is a 1932 article in a professional journal - the text of which MAY be available for a fee, but I'm not sure I want to spend $31 on it just yet. Bear in mind the '865 is a screen grid tube, NOT a triode; hence my insecurity about modulating it.

Does anyone have information on a more-or-less 1929 compliant method of modulating a UX-865?

I'm more and more inclined to scrap plans for the third stage, which was to be a UX-860. It does not seem particularly likely that I would ever be able to build a period correct power supply for that.

73,
Paul N1BUG

7356. Re: [AWA Group] Modulating a UX-865

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-19 11:50:16 UTC
From: N1BUG
Topic: 7353 Message: 7356

Hi Larry,

Thanks for the reply. You've given me a lot to think about, as well as several new things to wonder about. :-)

> Since the screen grid voltage will have more influence than the
> plate voltage on the plate current for any tube with a screen grid,
> the screen grid voltage needs to be modulated as well as the plate
> voltage.

Aha! That makes sense. I have quite a lot of experience with "modern" tetrodes in linear amplifiers, where the screen voltage is regulated. That clouded my thinking on the issue of modulating one. I was thinking the plate voltage could never be allowed to go lower than the [fixed] screen voltage.

> The way this is usually done is to derive the screen
> voltage through a series voltage dropping resistor from the
> modulated plate supply

I see that is the usual method used in 1929 but I have concerns about it. Were the tube to ever have plate voltage applied without RF excitation, the screen would rise to the full plate potential - a condition almost certain to result in catastrophic tube failure. I've been thinking of using a voltage divider to avoid that problem, even if it violates 1929 methods. I would have a resistor from the plate supply to the screen, and another resistor from the screen to cathode. I wonder if that would have any adverse affect on modulation?

> while bypassing the screen grid to ground for RF but not audio.

That brings up something I've been wondering about. In the earliest UX-865 circuits I've seen (1931), they used a 1 microfarad capacitor to bypass the screen. That seems very large, and I'm not sure what reason they had for choosing that value. My inclination would be to use something around .005 microfarad.

> The value of the screen grid dropping resistor
> can be calculated from the DC plate voltage (Ep), DC screen voltage
> (Esg), and DC screen current (Isg), all for class C operation. Using
> ohms law it will be (Ep-Esg)/Isg. This method has worked well for me
> in the past, although I haven't tried using an 865 - yet!

Hmm. This makes me wonder if these tubes behave differently in class C operation. With every tetrode I've used in class AB, the screen current varied *widely* with drive and loading conditions. Such a calculation would never yield a useful value for the "modern"

tetrodes and circuit configurations I have experience with.

73,
Paul N1BUG

7357. Re: [AWA Group] Modulating a UX-865

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-19 11:50:38 UTC
From: N1BUG
Topic: 7353 Message: 7357

On 12/18/2012 05:22 PM, Jon Delventhal wrote:
>
> Paul,
> I was considering converting my '10-'10 MOPA to a '10-'65 MOPA to
> eliminate the precise neutralization required and to prevent another
> tube socket from being ruined from the high peak plate voltages on
> PA. I will post the results of modulating it with a '50.
> I also have that IRE article and will send it to you in a separate
> email.

Thanks Jon.

I will be very interested in results of your test modulating the '65
with a '50. One thing I don't understand: why wouldn't you have the
same high peak plate voltages with the modulated '65?

Thanks for the IRE article too!

73,
Paul N1BUG

7358. Re: [AWA Group] Modulating a UX-865

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-19 14:51:35 UTC
From: Larry Szendrei
Topic: 7353 Message: 7358

On 12/19/12 6:50 AM, N1BUG wrote:
>
> Hi Larry,
>
> Thanks for the reply. You've given me a lot to think about, as well
> as several new things to wonder about. :-)
>
> > Since the screen grid voltage will have more influence than the
> > plate voltage on the plate current for any tube with a screen grid,
> > the screen grid voltage needs to be modulated as well as the plate
> > voltage.
>
> Aha! That makes sense. I have quite a lot of experience with
> "modern" tetrodes in linear amplifiers, where the screen voltage is
> regulated. That clouded my thinking on the issue of modulating one.
> I was thinking the plate voltage could never be allowed to go lower
> than the [fixed] screen voltage.
>
I think that's a reasonable assumption, and it shouldn't, if the screen
grid is modulated along with the plate. With class AB linear
amplification you want a constant screen voltage (although sometimes a
little negative feedback voltage applied to the screen grid can help
improve linearity).

> > The way this is usually done is to derive the screen
> > voltage through a series voltage dropping resistor from the
> > modulated plate supply
>
> I see that is the usual method used in 1929 but I have concerns
> about it. Were the tube to ever have plate voltage applied without
> RF excitation, the screen would rise to the full plate potential - a
> condition almost certain to result in catastrophic tube failure.
> I've been thinking of using a voltage divider to avoid that problem,
> even if it violates 1929 methods. I would have a resistor from the
> plate supply to the screen, and another resistor from the screen to
> cathode. I wonder if that would have any adverse affect on modulation?
>
It's been done successfully that way, should work fine. You'll have to
reduce the resistance of the dropping resistor from the plate supply
because now the current through that resistor is split between the
screen grid and the "bottom" of the voltage divider. Another solution is
to key both oscillator and PA, but if the oscillator fails, the PA is
still in trouble. Definitely a problem with 100% grid-leak bias, but
even with a fixed bias supply or a combination of the two (recommended
for AM*), the screen current will be low without excitation, making the

screen voltage high and probably making the tube draw excessive plate current.
>
> > while bypassing the screen grid to ground for RF but not audio.
>
> That brings up something I've been wondering about. In the earliest
> UX-865 circuits I've seen (1931), they used a 1 microfarad capacitor
> to bypass the screen. That seems very large, and I'm not sure what
> reason they had for choosing that value. My inclination would be to
> use something around .005 microfarad.
>
That would be a good value. 1uF would bypass the screen for audio frequencies; not what you want.
>
>
> > The value of the screen grid dropping resistor
> > can be calculated from the DC plate voltage (Ep), DC screen voltage
> > (Esg), and DC screen current (Isg), all for class C operation. Using
> > ohms law it will be (Ep-Esg)/Isg. This method has worked well for me
> > in the past, although I haven't tried using an 865 - yet!
>
> Hmm. This makes me wonder if these tubes behave differently in class
> C operation. With every tetrode I've used in class AB, the screen
> current varied *widely* with drive and loading conditions. Such a
> calculation would never yield a useful value for the "modern"
> tetrodes and circuit configurations I have experience with.
>
In class AB operation the grid drive changes with the signal, which changes the screen current. In class C operation the grid drive is constant, so a simple dropping resistor is workable, tube protection considerations notwithstanding. Some means of controling the amount of excitation to the PA for the recommended value of PA grid current would be necessary. One easy way to do this which would be 1929-ish would be to excite the PA grid through a DC blocking mica cap clipped to the oscillator tank coil - you adjust the tap point for the desired grid drive to the PA.

* For a plate-modulated class C stage the I've been told the best way to supply grid bias to the PA is to have a fixed supply that almost cuts off the plate current with no excitation - think class B conditions (actually just into AB from class B), and make up the rest of the full bias required for class C conditions from grid leak bias. This allows the grid bias to self-adjust according to the instantaneous modulating voltage on the plate (and screen grid if a SG tube is used), while still protecting the tube.

73,
-Larry/NE1S

7359. Re: [AWA Group] Modulating a UX-865

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-19 20:16:59 UTC
From: Ron Barlow
Topic: 7353 Message: 7359

Hi Paul
 If I understand correctly, Jon was referring to tube socket failure occurring, at the high peak anode voltage encountered while using high level plate modulation?? However, I am surprised that this would occur, using ceramic sockets??? He may be using bakelite sockets or he may actually be referring to a breakdown across the bakelite base of the '10 tube, itself. IIRC correctly (I rarely do, these days!), some '10s have a micanol or ceramic base, that would be more/much more resistant to that problem, than the bakelite base, that is used on many '10s.
 I have read that some experimenters used to cross cut the base, of the bakelite based type 10s, with a hacksaw, etc., to reduce losses at the higher freqs. This tactic should be useful for the plate modulated breakdown issue, also. That said, I don't believe that I would attempt this tactic, given the going price for '10s!
 Anyway, unlike the '10, the anode of the 865 is connected to a top cap, which handily sidesteps the breakdown problem.

 There is some info, on "Franks Electron Tube Pages", that may be useful, for anyone desiring to plate modulate (or otherwise use) the 865.
 After doing a search for the 865 data, click on the "undefined" brand data, which is actually Hytron's data. The Hytron data yields some info that is not included on the RCA data sheets. Look under "application" for info on plate modulating this tube.
 One of the other interesting things, that I learned, from this data sheet, is that it is permissible to allow the screen voltage to reach 2x the max key down screen voltage rating (2 x 175 volts), during key up (cutoff) condx. I don't believe that I have seen that info elsewhere, or at least I didn't notice it.

 I was amazed by the awesome quality of the audio, generated by Larry's Hartley, and recorded by you, Paul! For whatever reason, I couldn't get it to operate, on your initial posting (on this list), but it worked fine on Larry's posting on another list?? It goes beyond that, but I will let it go with a statement that computers and I do not "get along" well, at all!
 GL with your projects! I will be looking forward to reading more, on the subject, in the future!
                        Vy 73 de Ron   n4gjv

From: N1BUG <paul@n1bug.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 19, 2012 6:50 AM
Subject: Re: [AWA Group] Modulating a UX-865

On 12/18/2012 05:22 PM, Jon Delventhal wrote:
>
> Paul,
> I was considering converting my '10-'10 MOPA to a '10-'65 MOPA to
> eliminate the precise neutralization required and to prevent another
> tube socket from being ruined from the high peak plate voltages on

> PA. I will post the results of modulating it with a '50.
> I also have that IRE article and will send it to you in a separate
> email.

Thanks Jon.

I will be very interested in results of your test modulating the '65 with a '50. One thing I don't understand: why wouldn't you have the same high peak plate voltages with the modulated '65?

Thanks for the IRE article too!

73,
Paul N1BUG

7360. Re: [AWA Group] Modulating a UX-865

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-19 22:29:55 UTC
From: N1BUG
Topic: 7353 Message: 7360

On 12/19/2012 03:16 PM, Ron Barlow wrote:
>
> Anyway, unlike the '10, the anode of the 865 is connected to a top
> cap, which handily sidesteps the breakdown problem.

DUH! Nobody would ever believe that on the very same day I spent time hunting for a plate cap for my UX-865, I asked that dumb question about why high voltage wouldn't break down a socket with one of these tubes. [sigh] I think the long days of physical activity and long nights hunting parts for would-be projects are starting to take a toll!

> One of the other interesting things, that I learned, from this
> data sheet, is that it is permissible to allow the screen voltage to
> reach 2x the max key down screen voltage rating (2 x 175 volts),
> during key up (cutoff) condx. I don't believe that I have seen that
> info elsewhere, or at least I didn't notice it.

I haven't seen that info elsewhere, either. One wonders, though, if it applies to all 865s - in particular the old RCA UX-865. I think I will try to err on the side of caution.

> GL with your projects! I will be looking forward to reading more,
> on the subject, in the future!

Thanks Ron. I had planned to construct a two tube 1929 receiver this winter, but I ran into problems with the board. Suitable boards (given my self imposed requirements) are very, very hard to come by around here! There is exactly ONE place I can SOMETIMES get them, but even when they are available getting a usable one is very much a matter of luck.

At some point I will be building the second stage of the transmitter using the UX-865, and a more or less period correct power supply for that and the TNT. I would like to build a modulator for it at some point but that may be a long way off. I had also gathered many of the parts for a third RF stage using a UX-860, but as noted the other day I am seriously considering abandoning that particular quest.

73,
Paul N1BUG

7361. Ancient AM,

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-19 23:04:22 UTC
From: Don
Topic: 7361 Message: 7361

Now we are talking. This really Interests me. I have tried Screen modulating a tube from an old AC Dc set and now have it working quite well. I use a carbon mike circuit and one triode section. Other section of the dual triode is the Osc, both feeding a 50l6 but any beam power tube can be used. 6v6 6l6 35l6 50l6 50c5 etc. Tubes from the mid thirties in most cases. I have tried supressor grid modulation on a very early pentode. It worked ok but needed more finessing. Best results have been with a 6sa7 modulated by a 6sl7 and driving a 6sl7 (currently a 6bl7.) This rig despite its low tube count works very very well. Modulation is Full and can go beyond if you get anxious withthe mod control. Circuit is really very simple. Power was enuf at first that I had the final section glowing from heavy drive. I changed it from a triode setion driving a triode section to a parrallel configuration which works nicely. Mic is a telephone mic from an old telephone coupled with an old audio transformer liberated from a 1930 console radio. It has no bad habits but works very well. I run 250 volts in.
Old time AM really interests me. Keep up the projects. Very interesting. If your testing, give us a heads up. We will be listening.
Don Ve3LYX

7362. de K1TG - 800 Triode

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-20 17:53:43 UTC
From: Roger Kuchera
Topic: 7362 Message: 7362

Gentlemen,
I recently became the owner of two (2) RCA 800 triodes. RCA released the type in Sept. 1933. I have been trying to gather enough information so I might build a transmitter with one. To date, I have only found three (3) articles dealing with them in RF service. To wit:

RADIO Handbook, 1935 edition
QST, Nov. 1933
QST, Dec. 1933

Is there anyone in our august group who has any first hand experience with them? Can they be treated as any triode of that period? Their physical appearance is a trifle unusual, with the balloon envelope and the two (2) caps on top.

As always, any information or references will be appreciated.

I wish all hands a Merry Christmas and a Happy New Year.

CUL, Roger/K1TG

7363. Re: [AWA Group] Modulating a UX-865

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-20 18:01:58 UTC
From: N1BUG
Topic: 7353 Message: 7363

On 12/19/2012 09:51 AM, Larry Szendrei wrote:
>> I would have a resistor from the
>> plate supply to the screen, and another resistor from the screen to
>> cathode. I wonder if that would have any adverse affect on modulation?
>>
> It's been done successfully that way, should work fine. You'll have
> to reduce the resistance of the dropping resistor from the plate
> supply because now the current through that resistor is split
> between the screen grid and the "bottom" of the voltage divider.

Yup. My plan is to prototype using adjustable resistors to see what values work and whether there is more than one combination that works acceptably. Then I will shop for appropriate fixed resistors. Looks like first I'll have to shop for adjustable ones, though... but, they'll come in handy for other prototyping later, I'm sure.

Of course this is one area where deviation from 1929 parts appears to be unavoidable (resistors).

> Another solution is to key both oscillator and PA, but if the
> oscillator fails, the PA is still in trouble. Definitely a problem
> with 100% grid-leak bias, but even with a fixed bias supply or a
> combination of the two (recommended for AM*), the screen current
> will be low without excitation, making the screen voltage high and
> probably making the tube draw excessive plate current.

With the more modern, larger tetrodes I've been working with, screen current is always ZERO in the absence of RF excitation for any reasonable screen voltage. That would theoretically allow screen voltage to rise to plate potential with the series resistor alone. Even if grid bias was such as to keep plate current below destructive levels, I wonder about the possibility of arcs within the tube. However, in practice the screen may start to draw current as the voltage rises, preventing the screen potential from getting to that extreme. I'm not sure.

> In class AB operation the grid drive changes with the signal, which
> changes the screen current. In class C operation the grid drive is
> constant, so a simple dropping resistor is workable, tube protection
> considerations notwithstanding.

Understood. What about affects of load changes? In class AB, the screen current on tetrodes I've worked with was very dependent on load also. Even a relatively slight change in antenna impedance or circuit adjustment often makes a large difference in screen current.

> One easy way to do this which would be 1929-ish
> would be to excite the PA grid through a DC blocking mica cap
> clipped to the oscillator tank coil - you adjust the tap point for
> the desired grid drive to the PA.

That's what I'm going to try first. Assuming it works as expected,
I'll just go with that simple method.

> * For a plate-modulated class C stage the I've been told the best
> way to supply grid bias to the PA is to have a fixed supply that
> almost cuts off the plate current with no excitation - think class B
> conditions (actually just into AB from class B), and make up the
> rest of the full bias required for class C conditions from grid leak
> bias. This allows the grid bias to self-adjust according to the
> instantaneous modulating voltage on the plate (and screen grid if a
> SG tube is used), while still protecting the tube.

After reviewing published circuits, I was planning to use that
method anyway.

All this talk of 865's is making me anxious to prototype the stage
and get on with experimentation! I better find some adjustable
resistors and get some RF chokes wound. I think I have everything
else needed for a prototype, though the power supply configuration
will be a particularly ugly kludge.

73,
Paul N1BUG

7364. Re: K1TG - 800 Triode

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-20 18:30:06 UTC
From: Ron Barlow
Topic: 7364 Message: 7364

Hi Roger,
 Aah, Santa arrived a bit early, this year! Congrats on your awesome find! IMHO, the 800 is the coolest looking bottle, that I have ever seen! I saw one at a electronic surplus firm, that was having a "fire sale", in preparation for a relocation, 50+ years ago. I made a decision to pass it by, due to an extremely flat wallet, and I have regretted that decision ever since!
 In the unlikely event that you don't already have the data on it, Roger, it is available on Franks Electron tube pages.
73 de Ron n4gjv

From: Roger Kuchera <rwkuchera@...>
To: AWAgroup@yahoogroups.com
Sent: Thursday, December 20, 2012 12:53 PM
Subject: [AWA Group] de K1TG - 800 Triode

Gentlemen, I recently became the owner of two (2) RCA 800 triodes. RCA released the type in Sept. 1933. I have been trying to gather enough information so I might build a transmitter with one. To date, I have only found three (3) articles dealing with them in RF service. To wit: RADIO Handbook, 1935 edition QST, Nov. 1933 QST, Dec. 1933 Is there anyone in our august group who has any first hand experience with them? Can they be treated as any triode of that period? Their physical appearance is a trifle unusual, with the balloon envelope and the two (2) caps on top. As always, any information or references will be appreciated. I wish all hands a Merry Christmas and a Happy New Year. CUL, Roger/K1TG

7365. Re: [AWA Group] de K1TG - 800 Triode

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-20 18:55:18 UTC
From: Niel - W0VLZ
Topic: 7362 Message: 7365

Roger,

I found an 800 in my junque box also and was disappointed to find it to be post '29.

I did fashion a couple of tube cap to alligator clip jumpers and plug it into my Hull hartley. It sounded find but I never actually put it on the air.

73,
Niel - W0VLZ
http://www.prismnet.com/~nielw/wa5vlz.htm

Roger Kuchera wrote:
>
> Gentlemen,
> I recently became the owner of two (2) RCA 800 triodes. RCA released
> the type in Sept. 1933. I have been trying to gather enough information
> so I might build a transmitter with one. To date, I have only found three
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> appearance is a trifle unusual, with the balloon envelope and the two (2)
> caps on top.
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> As always, any information or references will be appreciated.
>
> I wish all hands a Merry Christmas and a Happy New Year.
>
> CUL, Roger/K1TG
>
>

7366. Re: [AWA Group] Modulating a UX-865

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-21 00:39:10 UTC
From: Don
Topic: 7353 Message: 7366

--- In AWAGroup@yahoogroups.com, N1BUG <paul@...> wrote:
>
> On 12/19/2012 09:51 AM, Larry Szendrei wrote:
> >> I would have a resistor from the
> >> plate supply to the screen, and another resistor from the screen to
> >> cathode. I wonder if that would have any adverse affect on modulation?
> >>
> > It's been done successfully that way, should work fine. You'll have
> > to reduce the resistance of the dropping resistor from the plate
> > supply because now the current through that resistor is split
> > between the screen grid and the "bottom" of the voltage divider.
>
> Yup. My plan is to prototype using adjustable resistors to see what
> values work and whether there is more than one combination that
> works acceptably. Then I will shop for appropriate fixed resistors.
> Looks like first I'll have to shop for adjustable ones, though...
> but, they'll come in handy for other prototyping later, I'm sure.
>
> Of course this is one area where deviation from 1929 parts appears
> to be unavoidable (resistors).
>
> > Another solution is to key both oscillator and PA, but if the
> > oscillator fails, the PA is still in trouble. Definitely a problem
> > with 100% grid-leak bias, but even with a fixed bias supply or a
> > combination of the two (recommended for AM*), the screen current
> > will be low without excitation, making the screen voltage high and
> > probably making the tube draw excessive plate current.
>
> With the more modern, larger tetrodes I've been working with, screen
> current is always ZERO in the absence of RF excitation for any
> reasonable screen voltage. That would theoretically allow screen
> voltage to rise to plate potential with the series resistor alone.
> Even if grid bias was such as to keep plate current below
> destructive levels, I wonder about the possibility of arcs within
> the tube. However, in practice the screen may start to draw current
> as the voltage rises, preventing the screen potential from getting
> to that extreme. I'm not sure.
>
> > In class AB operation the grid drive changes with the signal, which
> > changes the screen current. In class C operation the grid drive is
> > constant, so a simple dropping resistor is workable, tube protection
> > considerations notwithstanding.
>
> Understood. What about affects of load changes? In class AB, the
> screen current on tetrodes I've worked with was very dependent on

> load also. Even a relatively slight change in antenna impedance or
> circuit adjustment often makes a large difference in screen current.
>
> > One easy way to do this which would be 1929-ish
> > would be to excite the PA grid through a DC blocking mica cap
> > clipped to the oscillator tank coil - you adjust the tap point for
> > the desired grid drive to the PA.
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> That's what I'm going to try first. Assuming it works as expected,
> I'll just go with that simple method.
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> > * For a plate-modulated class C stage the I've been told the best
> > way to supply grid bias to the PA is to have a fixed supply that
> > almost cuts off the plate current with no excitation - think class B
> > conditions (actually just into AB from class B), and make up the
> > rest of the full bias required for class C conditions from grid leak
> > bias. This allows the grid bias to self-adjust according to the
> > instantaneous modulating voltage on the plate (and screen grid if a
> > SG tube is used), while still protecting the tube.
>
> After reviewing published circuits, I was planning to use that
> method anyway.
>
> All this talk of 865's is making me anxious to prototype the stage
> and get on with experimentation! I better find some adjustable
> resistors and get some RF chokes wound. I think I have everything
> else needed for a prototype, though the power supply configuration
> will be a particularly ugly kludge.
>
> 73,
> Paul N1BUG
I have begun using a pilot light in the cathode circuit of my PA tube to keep idle current in check. There is a wide variaty of types avaiable even at a place like RS. It keeps plate current in check with no signal and it works wonderfully on tune up just like a meter only quicker AND it acts as a fuse should thing go nuts. As far as higher power ones I have a 150 ma on in my single 6293 AMP. I know that is not vintage but it is a pretty serious tube and is the steriod form of 6146B. It works so well I have installed it in my parallel 6l6 amp as well. Current limiting, tuning indictor and safety fuse all in one little deal. Tis my own idea here but I cant not believe it wasnt done many times in the past.
Don VE3LYX
>

7367. 80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-21 12:19:07 UTC
From: N1BUG
Topic: 7367 Message: 7367

Right dimensions. Caught my eye because it's constructed similarly
to my 160 meter TNT coil.

http://www.ebay.com/itm/360539171398

7368. Re: [AWA Group] 80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-21 12:27:44 UTC
From: Larry Szendrei
Topic: 7367 Message: 7368

On 12/21/12 7:19 AM, N1BUG wrote:
>
> Right dimensions. Caught my eye because it's constructed similarly
> to my 160 meter TNT coil.
>
> http://www.ebay.com/itm/360539171398
>
>
Could be almost anything, but I think it's unlikely to be a TNT plate coil, because the wire is too wimpy, except for maybe a QRP TNT using a UV199, UX20, or some other peanut whistle tube. Copper tubing wasn't used for larger "self-excited" rigs just because it looks good - the RF currents travelling on the skin of the tank coil are quite high even at relatively low power levels, because of the high - C tank circuit required for stability. But you already knew that.

Maybe a 40M plate tank coil for a PA or IPA stage?

73,
-Larry/NE1S

7369. Re: [AWA Group] 80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-21 12:51:26 UTC
From: N1BUG
Topic: 7367 Message: 7369

On 12/21/2012 07:27 AM, Larry Szendrei wrote:
> Could be almost anything, but I think it's unlikely to be a TNT
> plate coil, because the wire is too wimpy, except for maybe a QRP
> TNT using a UV199, UX20, or some other peanut whistle tube. Copper
> tubing wasn't used for larger "self-excited" rigs just because it
> looks good - the RF currents travelling on the skin of the tank coil
> are quite high even at relatively low power levels, because of the
> high - C tank circuit required for stability. But you already knew that.
>
> Maybe a 40M plate tank coil for a PA or IPA stage?

Reason enough to use copper tubing: it's user-friendly! ;-)

I agree it could be most anything and that it's far from ideal as a
TNT tank coil. If he wanted less for it I'd have bought it just to
have around for an experimental coil.

I understand the reasoning for the copper tubing coils and certainly
don't want to argue with the reasoning of the radio men of long ago.
My own experiments, however, make little sense measured against that
yardstick. The old ratty B&W coil with 16 AWG wire worked great on
160 and not too shabby on 80 either. Available power output was down
10 to 20% on 80 compared to the 1/4" copper tubing coil, and on that
band frequency stability was marginal. But it was dangling in free
space supported only by 2" of so of its 16 AWG leads at each end. :)

I finally did find something in a 1931 QST which confirmed the
results I got with higher than usual grid leak resistance on the
TNT, though. Now I don't feel quite so crazy on that one!

It is possible my high grid leak played a role in results I got with
the small wire tank coil, since higher efficiency is one result of that.

73,
Paul N1BUG

7370. Re: [AWA Group] 80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-22 01:43:58 UTC
From: Roger Kuchera
Topic: 7367 Message: 7370

Hi Paul,
     My understanding of the use of 1/4" copper tubing was the huge circulating RF currents (relatively speaking) in the tank circuits of SCO transmitters. It may also have something to do with loses therein.

CUL, Roger/K1TG

--- On Fri, 12/21/12, N1BUG <paul@...> wrote:

From: N1BUG <paul@...>
Subject: Re: [AWA Group] 80M TNT coil?
To: AWAGroup@yahoogroups.com
Date: Friday, December 21, 2012, 7:51 AM

On 12/21/2012 07:27 AM, Larry Szendrei wrote:
> Could be almost anything, but I think it's unlikely to be a TNT
> plate coil, because the wire is too wimpy, except for maybe a QRP
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It is possible my high grid leak played a role in results I got with the small wire tank coil, since higher efficiency is one result of that.

73,
Paul N1BUG

Yahoo! Groups Links

7371. de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 17:09:43 UTC
From: Roger Kuchera
Topic: 136 Message: 7371

Gentlemen,
After nearly 3 years of restoring and fussing with my RME-69 receiver, it has come time to do an IF and RF alignment.

I have documentation on the process and the frequencies. I have a technical question for our group. To wit:

Can I run the unit (in it's cabinet) on it's side or upside down? It may sound like a simple question until you realize that the 80 rectifier should (operative word) be run in a vertical position. The trimmers for bands 2 through 6 are accessed through the bottom plate. Therein lies the question. Does anyone have any ideas?

If memory serves the 80 in the old National doghouse supplies ran upside down. I think the problem lies with "sag" in the directly heated filaments.

A Merry Christmas and a Happy New Year to all hands.

CUL, Roger/K1TG

7372. Re: [AWA Group] de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 17:15:33 UTC
From: Daniel Petersen
Topic: 136 Message: 7372

Right side up or upside down is OK. Sideways, no. And don't roll it over
while it's running! Let it cool, flip it over and restart.
73,
Dan - W7OIL
==========
On Sun, Dec 23, 2012 at 9:09 AM, Roger Kuchera <rwkuchera@...t> wrote:

> **
>
>
> Gentlemen,
> After nearly 3 years of restoring and fussing with my RME-69 receiver,
> it has come time to do an IF and RF alignment.
>
> I have documentation on the process and the frequencies. I have a
> technical question for our group. To wit:
>
> Can I run the unit (in it's cabinet) on it's side or upside down? It
> may sound like a simple question until you realize that the 80 rectifier
> should (operative word) be run in a vertical position. The trimmers for
> bands 2 through 6 are accessed through the bottom plate. Therein lies the
> question. Does anyone have any ideas?
>
> If memory serves the 80 in the old National doghouse supplies ran
> upside down. I think the problem lies with "sag" in the directly heated
> filaments.
>
> A Merry Christmas and a Happy New Year to all hands.
>
> CUL, Roger/K1TG
>
>

7373. Re: [AWA Group] de K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 17:21:49 UTC
From: Larry Szendrei
Topic: 136 Message: 7373

On 12/23/12 12:09 PM, Roger Kuchera wrote:
>
> Gentlemen,
> After nearly 3 years of restoring and fussing with my RME-69 receiver,
> it has come time to do an IF and RF alignment.
>
> I have documentation on the process and the frequencies. I have a
> technical question for our group. To wit:
>
> Can I run the unit (in it's cabinet) on it's side or upside down? It
> may sound like a simple question until you realize that the 80 rectifier
> should (operative word) be run in a vertical position. The trimmers for
> bands 2 through 6 are accessed through the bottom plate. Therein lies the
> question. Does anyone have any ideas?
>
> If memory serves the 80 in the old National doghouse supplies ran
> upside down. I think the problem lies with "sag" in the directly heated
> filaments.
>
> A Merry Christmas and a Happy New Year to all hands.
>

Hi Roger,

Upside down should be no problem, and on its side shouldn't be a problem
either as long as pins 1 & 4 are in a vertical plane.

A few years ago I restored a terribly neglected and abused RME-69 - I
had to completely rewire the under chassis, except for the tuned
curcuits and bandswitch, because of some "improvements" someone had
previously made. It was a real hack job. It's now one of my favorite
receivers, I have even used it, as well as my SX-28, to make some
across-the-pond QSOs on 10M AM. No receiver from that era has a
reputation for being very sensitive up there, but when the band is open
it's surprising how well they do.

73, GL, Merry Christmas es HNY,
-Larry/NE1S

7374. de K1TG - Using an 80, horizontal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 18:12:38 UTC
From: Roger Kuchera
Topic: 7374 Message: 7374

Gentlemen,

I have received 2 suggestions already and for that I say Thank You.

Further research gained the following data, excerpted from the RCA Cunningham manual RC-12, pg. 122, dated 1934. I offer the following:

"The base pins of the 80 fit the standard 4-contact socket which should be mounted preferably to hold the tube in a vertical position. If it is necessary to place the tube in a horizontal position, the socket should be mounted with both of the filament-pin openings, either at the top of at the bottom. This precaution locates the filament plane vertical for most satisfactory performance. Provision should be made for free circulation of air around the bulb since it becomes quite hot during operation."

This seems to verify the information so far received. I looked at the socket and with the RME-69 resting on it's left side, the filament pins are both up. I guess I can put the cabinet on and commence the alignment.

It is great to have the acquaintance of knowledgeable friends. This is why I refer to the AWA as "The League of Extraordinary Gentlemen."

Thank you.

CUL, Roger/K1TG

7375. de K1TG - addenda to 80 mounting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 18:31:46 UTC
From: Roger Kuchera
Topic: 7375 Message: 7375

Please correct the text in my last communication:

"at the top or at the bottom. This precaution locates the filament plane"

Roger aka 2 cents

7376. Re: [AWA Group] de K1TG - addenda to 80 mounting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 19:14:27 UTC
From: Larry Szendrei
Topic: 7375 Message: 7376

On 12/23/12 1:31 PM, Roger Kuchera wrote:
>
> Please correct the text in my last communication:
>
> "at the top or at the bottom. This precaution locates the filament plane"
>
> Roger aka 2 cents
>
OK. That's actually not what I remembered, though. Let me check...

OK, just checked with a mid-1930s RCA tube manual and it says exactly what you had quoted. So forget my "pins 1&4 in a vertical plane" statement, that appears to be incorrect.

In any case, I have lived dangerously and for alignment or troubleshooting purposes operated 80s and similar rectifier tubes on their sides without regard to orientation, but not for extended periods. No fireworks have occurred as a result, to date. You can't do this with mercury vapor tubes, of course; they ALWAYS must be operated right-side-up!

-Larry/NE1S

7377. BK QSLs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 19:19:35 UTC
From: N1BUG
Topic: 7377 Message: 7377

I finally got my BK log finished and submitted.

I've received a few QSL cards from the event. It is no secret I am years behind on QSLing *but* these went to the top of the queue. Return QSLs for those received to date have been filled out and are in addressed envelopes, waiting. Unfortunately I don't have vintage cards so you guys will have to make do with my regular one - at least for this year. It will be about a week before these cards go out, however, because...

One operator sent a very nice photo of his rig in addition to the QSL. Nice touch! This reminds me of my EME (moonbounce) days, where we had a long standing tradition of sending a photo of our antenna array along with every QSL card. On EME, the antenna was the "special" part of each station. I still have albums full of those photos which I will cherish for a lifetime. I have ordered prints so I can send a 1929 rig photo with each card. I await their arrival.

Considering how far behind I am, I'm certainly not going to take on the task of initiating QSLs to everyone I worked in the BK. So if anyone else wants a card, please send me one. You will get one in return.

73,
Paul N1BUG

7378. 1920s QST MOPA article sought

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 19:37:33 UTC
From: Larry Szendrei
Topic: 7378 Message: 7378

Hi everyone,

I remember several years ago Bob Raide W2AM had sent me a copy of an article from a 1920s ARRL handbook of a MOPA using 2 triodes - I think '10s, but the IIRC article had also said other triodes such as '03s or '11s could be used. The master oscillator section was built into a can - I think maybe a growler - to isolate it from the PA.

I seem to have misplaced it, and don't have the edition of the Handbook that has the article. I do have the CD of QSTs from the era, so if this transmitter had first appeared as a QST article, and someone could narrow down the search to year or issue, I would appreciate the reference. Or a scan of the Handbook article would also be welcome.

Thanks,
-Larry/NE1S

7379. Re: [AWA Group] de K1TG - addenda to 80 mounting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 21:36:48 UTC
From: Roger Kuchera
Topic: 7375 Message: 7379

Hi Larry,
     As long as, in the final analysis, we got it right. Thanks.

CUL, Roger/K1TG

--- On Sun, 12/23/12, Larry Szendrei <ne1s@securespeed.us> wrote:

From: Larry Szendrei <ne1s@...>
Subject: Re: [AWA Group] de K1TG - addenda to 80 mounting
To: AWAGroup@...m
Date: Sunday, December 23, 2012, 2:14 PM

On 12/23/12 1:31 PM, Roger Kuchera wrote:

Please correct the text in my last communication:

"at the top or at the bottom. This precaution locates the filament plane"

Roger aka 2 cents
OK. That's actually not what I remembered, though. Let me check...

OK, just checked with a mid-1930s RCA tube manual and it says exactly what you had quoted. So forget my "pins 1&4 in a vertical plane" statement, that appears to be incorrect.

In any case, I have lived dangerously and for alignment or troubleshooting purposes operated 80s and similar rectifier tubes on their sides without regard to orientation, but not for extended periods. No fireworks have occurred as a result, to date. You can't do this with mercury vapor tubes, of course; they ALWAYS must be operated right-side-up!

-Larry/NE1S

7380. Re: 1920s QST MOPA article sought

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 22:24:35 UTC
From: ab9zg@ymail.com
Topic: 7378 Message: 7380

Was it the one on page 9 of the September 1928 issue?

http://dl.dropbox.com/u/65606249/Arrl-QST-1928-09-SEPTEMBER.pdf

--- In AWAGroup@yahoogroups.com, Larry Szendrei <ne1s@...> wrote:
>
> Hi everyone,
>
> I remember several years ago Bob Raide W2AM had sent me a copy of an
> article from a 1920s ARRL handbook of a MOPA using 2 triodes - I think
> '10s, but the IIRC article had also said other triodes such as '03s or
> '11s could be used. The master oscillator section was built into a can -
> I think maybe a growler - to isolate it from the PA.
>
> I seem to have misplaced it, and don't have the edition of the Handbook
> that has the article. I do have the CD of QSTs from the era, so if this
> transmitter had first appeared as a QST article, and someone could
> narrow down the search to year or issue, I would appreciate the
> reference. Or a scan of the Handbook article would also be welcome.
>
> Thanks,
> -Larry/NE1S
>

7381. Re: [AWA Group] Re: 1920s QST MOPA article sought

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 22:48:43 UTC
From: Larry Szendrei
Topic: 7378 Message: 7381

On 12/23/12 5:24 PM, ab9zg@... wrote:
>
> Was it the one on page 9 of the September 1928 issue?
>
> http://dl.dropbox.com/u/65606249/Arrl-QST-1928-09-SEPTEMBER.pdf
>
Yep, that's the one! Thanks Jon!

73,
-Larry/NE1S

7382. Re: [AWA Group] BK QSLs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-23 21:39:35 UTC
From: Niel - W0VLZ
Topic: 7377 Message: 7382

I usually roll my own photo QSL cards to match a particular event or outing. Digital photo editing and submission makes it fairly easy. It does cost about $.30 a card. See http://w0vlz.blogspot.com/search/label/Photo%20QSL%20Cards

73,
Niel - W0VLZ

N1BUG wrote:

> <snip>
>
> One operator sent a very nice photo of his rig in addition to the
> QSL. Nice touch! This reminds me of my EME (moonbounce) days, where
> we had a long standing tradition of sending a photo of our antenna
> array along with every QSL card. On EME, the antenna was the
> "special" part of each station. I still have albums full of those
> photos which I will cherish for a lifetime. I have ordered prints so
> I can send a 1929 rig photo with each card. I await their arrival
>
> <snip>
>
> 73,
> Paul N1BUG
>
>

7383. Re: [AWA Group] BK QSLs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-26 12:08:38 UTC
From: N1BUG
Topic: 7377 Message: 7383

Internet was down for a day and a half! They sky is falling! My oh my, how spoiled some of us have become. :)

Very nice QSLs Niel. I could do that, but for now being so far behind on things I'll stick with quick and dirty. Although it probably isn't applicable in this group, I suppose truth be known I may never be entirely free of the separate card and photo syndrome. On EME we did it that way in part because many operators would be wanting to use the QSL to apply for awards. The separate photo allowed them to do that without having to yank the treasured photo out of an album to send it in. The other reason is we could send a larger photo. I'm forever tainted by my shady past, hi hi!

73,
Paul N1BUG

On 12/23/2012 04:39 PM, Niel - W0VLZ wrote:
> I usually roll my own photo QSL cards to match a particular event or
> outing. Digital photo editing and submission makes it fairly easy. It
> does cost about $.30 a card. See
> http://w0vlz.blogspot.com/search/label/Photo%20QSL%20Cards
>
> 73,
> Niel - W0VLZ

7384. Re: [AWA Group] 80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-26 12:12:30 UTC
From: N1BUG
Topic: 7367 Message: 7384

On 12/21/2012 08:43 PM, Roger Kuchera wrote:
>
> Hi Paul,
> My understanding of the use of 1/4" copper tubing was the huge
> circulating RF
> currents (relatively speaking) in the tank circuits of SCO
> transmitters. It may also have
> something to do with loses therein.

Hi Roger,

That is my understanding too. Theoretically the large conductor was necessary in a high C tank to reduce heating and losses from those high circulating currents. The mystery is why my particular TNT doesn't seem to care all that much.

73,
Paul N1BUG

7385. RE: [AWA Group] 80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-26 15:05:32 UTC
From: Steve Flood
Topic: 7367 Message: 7385
Attachments: 1 described; binary payloads are missing from this source WARC

I had wondered about the ¼☐ copper tubing at one time also.

I assumed coil losses are minimized when coil resistance is minimized, and thus unloaded coil Q is maximized.

Using a coil calculator, I derived some values for a typical 80m SEO copper coil that is 4 inches long and 2.5 inches diameter and 12 turns.

Here is what I found for conductor diameters from 1mm to 8mm;

Inductance and Reactance decrease as conductor diameter increases.

Coil resistance is lowest, and thus Q is highest, at about 5mm.

Notice how this equates to a winding wherein the conductor occupies 59-60% of the winding space.

Not having immediately handy, I seem to remember a Grammar article (early 30☐s?) that used 3/16☐ tubing

With that info, I had no qualms about winding my 80m MOPA coil with standard 3/16☐ tubing.

73, Steve KK7UV

7386. Re:80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-26 17:35:58 UTC
From: Ron Barlow
Topic: 7367 Message: 7386
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Steve
 Many thanks for sharing that enlightening and very interesting info! I would not have guessed that the laws of diminishing returns would have begun to "kick in" at such a modest conductor diameter.
 May I ask what program you used for the calculations, Steve? I looked at several programs, but I had some reservations about those that I found, and attempted to use. For example, one of them, that claimed to yield unloaded "Q" and inductance info, did not ask for the conductor diameter!
73 de Ron n4gjv

From: Steve Flood <kk7uv@...t>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 26, 2012 10:05 AM
Subject: RE: [AWA Group] 80M TNT coil?

I had wondered about the ¼" copper tubing at one time also.

I assumed coil losses are minimized when coil resistance is minimized, and thus unloaded coil Q is maximized.
Using a coil calculator, I derived some values for a typical 80m SEO copper coil that is 4 inches long and 2.5 inches diameter and 12 turns.

Here is what I found for conductor diameters from 1mm to 8mm;

Inductance and Reactance decrease as conductor diameter increases.
Coil resistance is lowest, and thus Q is highest, at about 5mm.
Notice how this equates to a winding wherein the conductor occupies 59-60% of the winding space.
Not having immediately handy, I seem to remember a Grammar article (early 30's?) that used 3/16" tubing

With that info, I had no qualms about winding my 80m MOPA coil with standard 3/16" tubing.

73, Steve KK7UV

7387. Re: [AWA Group] 80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-26 17:45:55 UTC
From: STEVE MCDONALD
Topic: 7367 Message: 7387

Hi Paul & Roger - my Hartley's wirewound tank coil for 160 seems very content despite putting out more power here than on 80 or 40. Interestingly, when I use the same coil on 80m by retuning the circuit down the band (and leaving the same tap point) the efficiency is higher than with the big copper tubing coil. Of course not using a big copper tank coil removes most of the cool-looking factor as well as the '29 state-of-art authenticity :-) Merry Christmas to you both and all the best in '13.

PS Paul - I sympathize with you losing the internet for a day. It is truly amazing what inner angst this can create ...how important it has became to the enjoyment of our hobby and general peace of mind it seems.

Steve / VE7SL

On 12/21/2012 08:43 PM, Roger Kuchera wrote:
>
> Hi Paul,
> My understanding of the use of 1/4" copper tubing was the huge
> circulating RF
> currents (relatively speaking) in the tank circuits of SCO
> transmitters. It may also have
> something to do with loses therein.

Hi Roger,

That is my understanding too. Theoretically the large conductor was necessary in a high C tank to reduce heating and losses from those high circulating currents. The mystery is why my particular TNT doesn't seem to care all that much.

73,
Paul N1BUG

Yahoo! Groups Links

7388. RE: [AWA Group] Re:80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-26 17:58:13 UTC
From: Steve Flood
Topic: 7367 Message: 7388
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Ron,

http://hamwaves.com/antennas/inductance.html

I should mention in regard to counting the percent of coil length occupied by the conductor, we need to count turns correctly – which I am not sure I did for my example in the table. Don K4KYV refers to the “fencepost error”. His words verbatim from the amfone webpage - -

“This error often causes confusion when counting the number of turns on a coil. You start at the beginning of the coil, count turns along the edge to the other end, and total is 10. But the total number of turns is not 10; it is only nine, since you have to complete the first turn before you tick off number one, which ends at the second strand of winding that you encounter while counting, not the first. To avoid this error, count the first wire at the very beginning of the winding as the <http://catb.org/jargon/html/Z/zeroth.html> zeroth turn.”

With that, I’ve corrected the table and removed the 8mm calculation because it exceeds 100%

Steve

7389. Re: [AWA Group] Re:80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-26 20:43:26 UTC
From: N1BUG
Topic: 7367 Message: 7389

Interesting data Steve,

But I am confused on one thing. What exactly is the R (resistance) parameter? I had always assumed the resistance of a coil was just the resistance of the wire used to make said coil, taking into account skin depth at the frequency of interest. But If so I cannot imagine how that resistance can begin to increase with larger diameter conductor beyond a certain point. What am I missing?

73,
Paul N1BUG

7390. RE: [AWA Group] Re:80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-26 22:12:49 UTC
From: Steve Flood
Topic: 7367 Message: 7390

Hi Paul,

Some definitions and derivations are given in the FAQ section below the calculator.

The resistance term refers to AC HF resistance of the conductor (instead of the coils inductance reactance) as derived from some work by Medhurst in 1947.

There is a link to his article and some correspondence. I am going to read through this material and maybe learn something about coils.

I’ve only been regurgitating calculator results to this point. :0)

Someone on one of the popular ham forums recommended the hamwaves coil calculator several years ago.

73, Steve KK7UV

7391. Re::80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-27 01:56:52 UTC
From: Ron Barlow
Topic: 7391 Message: 7391

Thank you very much for the link to the coil calculator program, and other interesting programs, Steve!

As for the resistance parameter, Paul, my guess is that at least some of this increased AC resistance, with larger diameter conductors, may be the result of the effect of the increased distributed (parasitic) capacitance, between adjacent turns, of the larger diameter conductors.
In a crude attempt to confirm this suspicion, I did some trial and error calculations, with the program that Steve provided a link to.
I used a fixed 60 mm diameter, at a freq of 3.5 Mhz, using a 6 mm conductor diameter. I started with a 12 turn coil, with an overall length of 100 mm. I then "stretched" the coil length, in steps, to ultimately reach a length of 885 mm. This resulted in a significant increase in the gap, between the turns.
I had to add turns, to maintain the ~ the same inductance (~ 3.55 microhenries), as the coil was "stretched". This involved increasing the number of turns from 12 (at a length of 100 mm), to 28 turns (at a length of 885 mm).
Even though the additional turns required tubing length increase of ~ 2.5 times (which would increase the DC resistance, by the same ratio), the calculated AC resistance decreased from .13 ohm, to .085 ohms. Meanwhile, the "Q" increased from 611 to 919!
These results were enlightening. I had long believed that most of the increased loss, in close spaced wound inductors vs space wound inductors, was due to the increased loss in any insulation, that coated the wire. (Dielectric loss in the parasitic capacitance, between adjacent turns).
The results of this "experiment" seem to indicate that the losses increase, in close wound inductors, even without the additional loss associated with the use of insulated wire.

73 de Ron n4gjv

From: Steve Flood <kk7uv@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 26, 2012 5:12 PM
Subject: RE: [AWA Group] Re:80M TNT coil?

Hi Paul,

Some definitions and derivations are given in the FAQ section below the calculator.
The resistance term refers to AC HF resistance of the conductor (instead of the coils inductance reactance) as derived from some work by Medhurst in 1947.
There is a link to his article and some correspondence. I am going to read through this material and maybe learn something about coils.
I've only been regurgitating calculator results to this point. :0)

Someone on one of the popular ham forums recommended the hamwaves coil calculator several years ago.

73, Steve KK7UV

7392. British Amateur spies in WWI & WWII

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-27 20:02:11 UTC
From: Bauman, John
Topic: 7391 Message: 7392

Some of you may have seen this before, I hadn't. Thanks to Stephen on the RegenRx Group for the link.
This is a 1979 BBC production about the Amateur Radio volunteers and how they helped win both wars.
About 1/2 hr long. Very good.

http://www.eafa.org.uk/catalogue/5108

John<http://www.eafa.org.uk/catalogue/5108John>
KB7NRN

_____
Please visit ATI's all-new website: www.atimetals.com

7393. Re: [AWA Group] NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-29 19:11:52 UTC
From: ab9zg@ymail.com
Topic: 7328 Message: 7393

Modulation transformers were occasionally used, just not class B modulation. Here's a schematic which uses 3 W.E. 50-watters to modulate one 50-watter via a step-up transformer. This eliminates the power wasting dropping resistor for the class C stage. The modulation transformer could also be lighter than a choke for the same purpose since it could be hooked up to cancel most of the DC flux. Reducing power consumption and weight would be important considerations for a unit used on an airplane, and would justify the extra work to make a modulation transformer.

I have not yet found a pre-class B circuit using both PP modulators and a modulation transformer, however.

--- In AWAGroup@yahoogroups.com, Larry Szendrei wrote:
...
> There are a few things I'm using that the 1929 ham would not have had at
> his disposal. First, the modulation transformer to couple PP modulators
> to the oscillator plate supply. IIRC amateur phone stations of 1929,
> what few of them existed, used single-ended class A Heising modulation,
> which develops the modulating audio voltage across a choke. That wasn't
> very efficient, and you needed a pretty big tube to develop even modest
> audio power. Grid modulation may also have been used (I'm not sure about
> that one, though). Also inefficient, like all "efficiency modulation"
> schemes. However, both methods are capable of good fidelity.
...
>
> 73,
> -Larry/NE1S
>

7394. Re: [AWA Group] NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-29 20:35:02 UTC
From: Larry Szendrei
Topic: 7328 Message: 7394

On 12/29/12 2:11 PM, ab9zg@... wrote:
>
> Modulation transformers were occasionally used, just not class B
> modulation. Here's a schematic which uses 3 W.E. 50-watters to
> modulate one 50-watter via a step-up transformer. This eliminates the
> power wasting dropping resistor for the class C stage. The modulation
> transformer could also be lighter than a choke for the same purpose
> since it could be hooked up to cancel most of the DC flux. Reducing
> power consumption and weight would be important considerations for a
> unit used on an airplane, and would justify the extra work to make a
> modulation transformer.
>
Cool, Jon. I saved that schematic. Do you know specifically what the
"50-watters" that were used as modulators, and as the RFPA, in that WE
aircraft XMTR?

Good point about cancelling out the DC component of the modulation XFMR
core magnetization by phasing the 2 windings accordingly - that's
certainly the way I would do it if I used that topology.

Yeah, I had said specifically "There are a few things I'm using that the
1929 ham would not have had at
his disposal. First, the modulation transformer to couple PP modulators
to the oscillator plate supply." (I have not seen an example, but that
doesn't mean it didn't exist. Negative proofs are difficult!) PP
modulators could be Class A, Class AB1, Class AB2, or Class B; it was no
accident that I didn't specify which. I did specify PP modulators,
though. However, are you aware of any examples of 1929 or earlier
AMATEUR fone XMTRS using any sort of modulation transformer, PP or
single-ended?

73,
-Larry/NE1S

7395. Re: [AWA Group] Re::80M TNT coil?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-29 20:47:05 UTC
From: N1BUG
Topic: 7391 Message: 7395

Steve,

Thanks for pointing out the references below the calculator. I have been consumed by snow removal duties but will have to read that Medhurst work.

Ron,

Very interesting investigation. It appears some of my long held beliefs about coil resistance and Q are not entirely correct! Thank you for enlightening me.

73,
Paul N1BUG

7396. Re: NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-29 23:32:46 UTC
From: ab9zg@ymail.com
Topic: 7328 Message: 7396

Larry,

There's one on p37 of Nov '29 QST.

Jon

--- In AWAGroup@yahoogroups.com, Larry Szendrei <ne1s@...> wrote:
...
>However, are you aware of any examples of 1929 or earlier
> AMATEUR fone XMTRS using any sort of modulation transformer, PP or
> single-ended?
>
> 73,
> -Larry/NE1S
>

7397. Re: [AWA Group] Re: NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-30 17:16:10 UTC
From: Larry Szendrei
Topic: 7328 Message: 7397

OK, thanks, Jon.

Looking at it now; seems weird. There is a switch which selects between Heising modulation of the UX-210 driver stage, using the primary of the mod transformer as a modulation choke, and plate modulation of the UX-201A stage driving the UX-210 which employs the secondary of the modulation transformer.

On the surface I see two problems with this circuit:

(1) No provision to change the operation conditions on the UX-210 stage from Class C operation (which it must have to be effectively plate modulated) to linear operation (when it amplifies the AM signal from the modulated UX-201A stage).
(2) The secondary of the modulation transformer is shorted out when the UX-210 is plate modulated. I would think this would drastically affect the primary's ability to function as a Heising choke.

Perhaps these issues are addressed in the article, which admittedly I haven't read yet.

It is, however, an example of the (ab)use of a modulation transformer in 1929.

73,
-Larry/NE1S

On 12/29/12 6:32 PM, ab9zg@... wrote:
>
> Larry,
>
> There's one on p37 of Nov '29 QST.
>
> Jon
>
> --- In AWAGroup@yahoogroups.com <mailto:AWAGroup%40yahoogroups.com>,
> Larry Szendrei <ne1s@...> wrote:
> ...
> >However, are you aware of any examples of 1929 or earlier
> > AMATEUR fone XMTRS using any sort of modulation transformer, PP or
> > single-ended?
> >
> > 73,
> > -Larry/NE1S
> >
>
>

7398. Re: NE1S Hartley on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-30 18:34:34 UTC
From: ab9zg@ymail.com
Topic: 7328 Message: 7398

I noted those problems as well, however it is clearly labelled an experimental setup. Notice that the 852 stage also lacks the variable coupling and swamping resistors needed for a linear stage.

However I find the circuits in that article very interesting because they depict the first occurrences I have seen in QST of several technologies including cathode biasing of RF stages, frequency multiplying crystal oscillator, and modulation transformer.

--- In AWAGroup@yahoogroups.com, Larry Szendrei <ne1s@...> wrote:
>
> OK, thanks, Jon.
>
> Looking at it now; seems weird. There is a switch which selects between
> Heising modulation of the UX-210 driver stage, using the primary of the
> mod transformer as a modulation choke, and plate modulation of the
> UX-201A stage driving the UX-210 which employs the secondary of the
> modulation transformer.
>
> On the surface I see two problems with this circuit:
>
> (1) No provision to change the operation conditions on the UX-210 stage
> from Class C operation (which it must have to be effectively plate
> modulated) to linear operation (when it amplifies the AM signal from the
> modulated UX-201A stage).
> (2) The secondary of the modulation transformer is shorted out when the
> UX-210 is plate modulated. I would think this would drastically affect
> the primary's ability to function as a Heising choke.
>
> Perhaps these issues are addressed in the article, which admittedly I
> haven't read yet.
>
> It is, however, an example of the (ab)use of a modulation transformer in
> 1929.
>
> 73,
> -Larry/NE1S
>
> On 12/29/12 6:32 PM, ab9zg@... wrote:
> >
> > Larry,
> >
> > There's one on p37 of Nov '29 QST.
> >
> > Jon
> >

> > --- In AWAGroup@yahoogroups.com <mailto:AWAGroup%40yahoogroups.com>,
> > Larry Szendrei <ne1s@> wrote:
> > ...
> > >However, are you aware of any examples of 1929 or earlier
> > > AMATEUR fone XMTRS using any sort of modulation transformer, PP or
> > > single-ended?
> > >
> > > 73,
> > > -Larry/NE1S
> > >
> >
> >
>

7399. ops, straight key

Yahoo group: AWAGroup (2012 — 2013)
Date: 2012-12-31 23:44:13 UTC
From: Don
Topic: 7399 Message: 7399

3.555 on the hour. Listening on Regen as per usual.
Ve3LYX

7400. Anyone Want Some Toobs...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-02 16:49:11 UTC
From: Eddy Swynar
Topic: 7400 Message: 7400

Hi Guys,

For all you Canadian tube aficionados with not-so-deep pockets:

http://ontario.kijiji.ca/c-buy-and-sell-other-Antique-radio-and-TV-Tubes-For-Sale-W0QQAdIdZ443762797

~73~ de Eddy VE3CUI - VE3XZ

7401. Getting ready for Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-04 18:55:49 UTC
From: Roger Kuchera
Topic: 7401 Message: 7401
Attachments: 1 described; binary payloads are missing from this source WARC

Gentlemen,
Please find attached, yours truly testing my vintage setup. I hope to QSO with you during the Cundall test.

CUL, Roger/K1TG

7402. Re: [AWA Group] Getting ready for Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-04 19:01:08 UTC
From: Eddy Swynar
Topic: 7401 Message: 7402

Lookin' GOOD, Roger...!

Nice set-up...

~73~ de Eddy VE3CUI - VE3XZ

On 2013-01-04, at 1:55 PM, Roger Kuchera wrote:

> Gentlemen,
> Please find attached, yours truly testing my vintage setup. I hope to
> QSO with you during the Cundall test.
>
> CUL, Roger/K1TG
>
>
> <VintRig1313A.JPG>

7403. Re: Getting ready for Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-04 20:34:06 UTC
From: steve
Topic: 7401 Message: 7403

No fair Roger!

You can't show a picture like that without a story. Please describe that great looking transmitter at least.

Thanks greatly,
Steve KK7UV

7404. Re: [AWA Group] Re: Getting ready for Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-04 20:41:29 UTC
From: ve7sl@shaw.ca
Topic: 7401 Message: 7404

It is just super. Roger you have done a wonderful job of recreating the perfect vintage setup....what era would this be...I'm guessing mid to late 30's?

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7405. Re: [AWA Group] Getting ready for Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-04 20:46:29 UTC
From: Larry Szendrei
Topic: 7401 Message: 7405

On 1/4/13 2:01 PM, Eddy Swynar wrote:
>
> */Lookin' GOOD, Roger...!/*
>
>
Yeah, the gear, anyway! ;)

73,
-Larry/NE1S

7406. Re: [AWA Group] Re: Getting ready for Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-04 21:15:18 UTC
From: Roger Kuchera
Topic: 7401 Message: 7406

Hi Steve,
Well, at least the 30s. The TX is a design from 1934 and the RME-69
from 1936. Some of the auxilary stuff is newer. The two small boxes on the
second level are my keyer and a relay QSK gadget. I can drive the TX from
rocks or a modified Johnson Model 122 VFO. Most of my rocks seem to be on
someone's pet QRG. :) :)

Roger.

--- On Fri, 1/4/13, ve7sl@... <ve7sl@...> wrote:

> From: ve7sl@... <ve7sl@...>
> Subject: Re: [AWA Group] Re: Getting ready for Linc Cundall
> To: AWAGroup@yahoogroups.com
> Date: Friday, January 4, 2013, 3:41 PM
> It is just super. Roger you have done
> a wonderful job of recreating the
> perfect vintage setup....what era would this be...I'm
> guessing mid to late
> 30's?
>
> Steve
>
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   AWAGroup-fullfeatured@yahoogroups.com
>
>

7407. Re: [AWA Group] Re: Getting ready for Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-04 21:29:32 UTC
From: Roger Kuchera
Topic: 7401 Message: 7407

Hi Steve,
I didn't say much about the gear. The TX is a adaptation of a series of articles in QST from 1934. It was designed by George Grammer. I did a few modern things to it; silicon diodes (not 83s), a regulated supply for the oscillator, etc. It may not be evident from the pix but I have 3 tiny fans blowing on the tubes. Oh Yes, and I used an Aluminum ground plane on all 3 breadboards.

I changed the tube lineup to an 89 oscillator, 802 buffer/doubler and an 830B PA stage. The original 841 buffer was unstable so I went with a pentode. I can run up to 1KV at 100 ma but never do. Normally, it's loafing at 750 volts 90 ma.

Most guys think I'm running modern gear. I can excite the oscillator with either xtals or a VFO. In the VFO case the oscillator becomes another buffer stage. When using the VFO I also use a differential keyer. It does wonders for the signal quality.

I hope to soon send an article in to Electric Radio on it.

CUL, Roger/K1TG

--- On Fri, 1/4/13, steve <kk7uv@...> wrote:

> From: steve <kk7uv@...>
> Subject: [AWA Group] Re: Getting ready for Linc Cundall
> To: AWAGroup@yahoogroups.com
> Date: Friday, January 4, 2013, 3:34 PM
> No fair Roger!
>
> You can't show a picture like that without a story.
> Please describe that great looking transmitter at least.
>
> Thanks greatly,
> Steve KK7UV
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
> AWAGroup-fullfeatured@yahoogroups.com
>
>

7408. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: [AWA Group] Getting ready for Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-05 00:01:40 UTC
From: Bauman, John
Topic: 7401 Message: 7408

Very nice Roger.
That's a fine looking vintage station. Complete with vintage operator too! ;^)

John
KB7NRN

_____
On Behalf Of Roger Kuchera [rwkuchera@...]
Gentlemen,
Please find attached, yours truly testing my vintage setup. I hope to
QSO with you during the Cundall test.

CUL, Roger/K1TG

7409. ARRL goes vintage

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-05 01:28:52 UTC
From: Bauman, John
Topic: 7401 Message: 7409

New vintage display at HQ. Watch the video.

http://www.arrl.org/arrl-vintage-amateur-radio-equipment-exhibit

_____
Please visit ATI's all-new website: www.atimetals.com

7410. Re: [AWA Group] Getting ready for Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-05 15:24:30 UTC
From: N1BUG
Topic: 7401 Message: 7410

On 01/04/2013 01:55 PM, Roger Kuchera wrote:
> Gentlemen,
> Please find attached, yours truly testing my vintage setup. I hope to
> QSO with you during the Cundall test.

Thanks for sharing the picture and info about the setup Roger! I always enjoy seeing them.

You scared me there for a minute. I thought maybe the Linc Cundall was this weekend, but thankfully it's not. The wind is HOWLING here and power keeps flickering on and off. I expect it to go off and stay off any minute now. I probably wouldn't fire up my antique rig in these conditions! Most likely all of my Beverages are down anyway.

73
--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

7411. Re: [AWA Group] Getting ready for Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-05 15:44:07 UTC
From: Roger Kuchera
Topic: 7401 Message: 7411

Hi Paul,
    I hope you don't lose power. The pix seem to be well received and that is appreciated. As you know there is a lot of work in vintage homebrew and restoration. I enjoy doing it plus it keeps the old grey matter moving. :) :)

    I hope to work you during the Cundall affair. Take care and stay warm.

CUL, Roger/K1TG

--- On Sat, 1/5/13, N1BUG <paul@...> wrote:

From: N1BUG <paul@...>
Subject: Re: [AWA Group] Getting ready for Linc Cundall
To: AWAGroup@yahoogroups.com
Date: Saturday, January 5, 2013, 10:24 AM

On 01/04/2013 01:55 PM, Roger Kuchera wrote:
> Gentlemen,
>   Please find attached, yours truly testing my vintage setup. I hope to
> QSO with you during the Cundall test.

Thanks for sharing the picture and info about the setup Roger! I
always enjoy seeing them.

You scared me there for a minute. I thought maybe the Linc Cundall
was this weekend, but thankfully it's not. The wind is HOWLING here
and power keeps flickering on and off. I expect it to go off and
stay off any minute now. I probably wouldn't fire up my antique rig
in these conditions! Most likely all of my Beverages are down anyway.

73
--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

Yahoo! Groups Links

7412. VE7-Style Steve!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-05 21:10:16 UTC
From: Eddy Swynar
Topic: 7412 Message: 7412

Hi Steve,

A real joy to have worked you on 10-meters CW to-day---that 4-watts of yours sounded just a tad chirpy, but otherwise VERY good!

Nice to hear familiar call signs on the band like that---I'm glad 10 was open to the west coast here to-day...

~73!~ de Eddy VE3CUI - VE3XZ

7413. Re: [AWA Group] VE7-Style Steve!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-05 22:05:23 UTC
From: ve7sl@shaw.ca
Topic: 7412 Message: 7413

Eddy - great to work you as well with that booming signal from Ontario!
Solar activity (at least the flux) has taken a giant leap in the past few days....hopefully it will keep rising for a bit, and 10m is starting to sound like it's old-self again.

If you have a look at the transmitter I was using,

http://members.shaw.ca/ve7sl/tritet.html

you will see the reason for the chirp. I'm actually surprised that the chirp is not worse, considering what I am asking of this circuit. I can make it sound Collins-like but output must be reduced to about 1.5W for that !

73 / Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7414. Re: [AWA Group] VE7-Style Steve!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-05 22:48:31 UTC
From: Bill Stewart
Topic: 7412 Message: 7414

Man, what a beautiful sound and rig!! Congrats, Steve.

73 de Bill K4JYS

----- Original Message -----

Eddy - great to work you as well with that booming signal from Ontario!
Solar activity (at least the flux) has taken a giant leap in the past few
days....hopefully it will keep rising for a bit, and 10m is starting to
sound like it's old-self again.

If you have a look at the transmitter I was using,

http://members.shaw.ca/ve7sl/tritet.html

you will see the reason for the chirp. I'm actually surprised that the chirp
is not worse, considering what I am asking of this circuit. I can make it
sound Collins-like but output must be reduced to about 1.5W for that !

73 / Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7415. Re: [AWA Group] VE7-Style Steve!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-05 23:58:46 UTC
From: ve7sl@shaw.ca
Topic: 7412 Message: 7415

Thanks Bill...it certainly sounds like it belongs in the 30's anyway! Hopefully we can work on 10m one of these days...I'm usually on 28042 kc...rockbound of course.

Steve / 73

Man, what a beautiful sound and rig!! Congrats, Steve.

73 de Bill K4JYS

----- Original Message -----

Eddy - great to work you as well with that booming signal from Ontario! Solar activity (at least the flux) has taken a giant leap in the past few days....hopefully it will keep rising for a bit, and 10m is starting to sound like it's old-self again.

If you have a look at the transmitter I was using,

http://members.shaw.ca/ve7sl/tritet.html

you will see the reason for the chirp. I'm actually surprised that the chirp is not worse, considering what I am asking of this circuit. I can make it sound Collins-like but output must be reduced to about 1.5W for that !

73 / Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7416. Re: [AWA Group] VE7-Style Steve!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-06 13:09:40 UTC
From: Eddy Swynar
Topic: 7412 Message: 7416

Hi Steve,

Well, the chirp was really not that bad, at all---especially considering the fact that we were on 10-meters!

As a matter of fact, that was what first drew me to your signal---and who knew that you were only running 4 watts...?! It was great---and thanks for the link, which I shall "consume" here a bit later in the day to-day...

~73~ de Eddy VE3CUI - VE3XZ

On 2013-01-05, at 5:05 PM, <ve7sl@...> wrote:

> Eddy - great to work you as well with that booming signal from Ontario!
> Solar activity (at least the flux) has taken a giant leap in the past few
> days....hopefully it will keep rising for a bit, and 10m is starting to
> sound like it's old-self again.
>
> If you have a look at the transmitter I was using,
>
> http://members.shaw.ca/ve7sl/tritet.html
>
> you will see the reason for the chirp. I'm actually surprised that the chirp
> is not worse, considering what I am asking of this circuit. I can make it
> sound Collins-like but output must be reduced to about 1.5W for that !
>
> 73 / Steve
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>

7417. EFHW antennas

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-06 15:50:19 UTC
From: KG4KGL
Topic: 7353 Message: 7417

GM all,

Just a quick question, is an EFHW ant. a multi band antenna, or as you move away from the design freq. does the single feed line start emitting RF?

I built one for 40m and it does tune up on 15m and 10m...

Tnx,

Robert
KG4KGL

>

7418. Re: [AWA Group] EFHW antennas

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-07 03:09:18 UTC
From: Gil G.
Topic: 7353 Message: 7418

Probably a bit, but I have never gotten tingly fingers with one like I have with random wires...
You can always put a choke on the coax.
I think it is not much different than feeding it in the middle, except for the impedance...

Gil.
--
PGP Key: http://keskydee.com/gil.asc

On Jan 6, 2013, at 10:50 AM, KG4KGL wrote:

>
> GM all,
>
> Just a quick question, is an EFHW ant. a multi band antenna, or as you move away from the design freq. does the single feed line start emitting RF?
>
> I built one for 40m and it does tune up on 15m and 10m...
>
> Tnx,
>
> Robert
> KG4KGL

7419. Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-09 22:45:14 UTC
From: Gil
Topic: 7419 Message: 7419

Hello,

Would it be possible to build a Hartley transmitter that runs on 12 to maybe 50VDC?
Meaning, that could be operated on batteries...

Thanks.

Gil.

7420. Need Contest info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-09 22:55:06 UTC
From: JAMES HANLON
Topic: 7420 Message: 7420

I was trying to access the Amateur Radio News on the AWA web page, but the link was not working. Would someone please let me know the dates, etc. of the upcoming 9operating events?

Thanks,

Jim Hanlon, W8KGI

ps I let my membership expire, oops, so I don't have a current copy of the Journal. I was able to renew via the web page.

7421. Re: [AWA Group] Need Contest info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-09 23:01:48 UTC
From: Roger Kuchera
Topic: 7420 Message: 7421

The best data I have:

    1/16 @2300Z to 1/17 @2300Z
    and
    1/19 @2300Z to 1/20 @2300Z

Hope to work you Jim, I need NM for a vintage WAS effort.

CUL, Roger/K1TG

--- On Wed, 1/9/13, JAMES HANLON <knjhanlon@...> wrote:

From: JAMES HANLON <knjhanlon@msn.com>
Subject: [AWA Group] Need Contest info
To: "AWA Group" <awagroup@yahoogroups.com>
Date: Wednesday, January 9, 2013, 5:55 PM

I was trying to access the Amateur Radio News on the AWA web page, but the link was not working. Would someone please let me know the dates, etc. of the upcoming 9operating events?

Thanks,

Jim Hanlon, W8KGI

ps I let my membership expire, oops, so I don't have a current copy of the Journal. I was able to renew via the web page.

7422. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-09 23:29:01 UTC
From: Larry Szendrei
Topic: 7419 Message: 7422

On 1/9/13 5:45 PM, Gil wrote:
>
> Hello,
>
> Would it be possible to build a Hartley transmitter that runs on 12 to
> maybe 50VDC? Meaning, that could be operated on batteries...
>
> Thanks.
>
> Gil.
>
Sure, but with vacuum tubes, the power output would be QRPp.

With solid state you can get some real power at low voltage.

73,
-Larry/NE1S

7423. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-09 23:32:41 UTC
From: Gil G.
Topic: 7419 Message: 7423

Hum, thanks. I was hoping a couple Watts with a tube...

Gil.
--
PGP Key: http://keskydee.com/gil.asc

On Jan 9, 2013, at 6:29 PM, Larry Szendrei wrote:

>
> On 1/9/13 5:45 PM, Gil wrote:
>>
>> Hello,
>>
>> Would it be possible to build a Hartley transmitter that runs on 12 to maybe 50VDC? Meaning, that could be operated on batteries...
>>
>> Thanks.
>>
>> Gil.
> Sure, but with vacuum tubes, the power output would be QRPp.
>
> With solid state you can get some real power at low voltage.
>
> 73,
> -Larry/NE1S

7424. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 00:42:59 UTC
From: Carl Nord WA1KPD
Topic: 7419 Message: 7424

Why not try a"Space
Charge" Tube http://www.junkbox.com/electronics/lowvoltagetubes.shtml?

----- Original Message -----
From: Larry Szendrei <ne1s@securespeed.us>
To: AWAGroup@yahoogroups.com
Sent: Wed, 09 Jan 2013 23:29:01 -0000 (UTC)
Subject: Re: [AWA Group] Hartley 12VDC?

On 1/9/13 5:45 PM, Gil wrote:
Hello,

Would it be possible to build a Hartley transmitter that
runs on 12 to maybe 50VDC? Meaning, that could be operated
on batteries...

Thanks.

Gil.
Sure, but with vacuum tubes, the power output would be QRPp.

With solid state you can get some real power at low voltage.

73,

-Larry/NE1S

7425. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 01:23:21 UTC
From: Larry Szendrei
Topic: 7419 Message: 7425

On 1/9/13 7:42 PM, Carl Nord WA1KPD wrote:
>
> Why not try a"Space Charge" Tube
> http://www.junkbox.com/electronics/lowvoltagetubes.shtml?
>
Can't get any power out of 'em, Carl. That's why auto radios that used them always used a Ge power transistor for the AF output. With the space charge audio driver you might get 50mW IIRC.

73,
-Larry/NE1S

7426. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 02:03:28 UTC
From: Gil G.
Topic: 7419 Message: 7426

Maybe I'll look into a vibrator power supply then…
I can use a NOS vibrator or solid state..
Thanks guys!

Gil.
--
PGP Key: http://keskydee.com/gil.asc

On Jan 9, 2013, at 8:23 PM, Larry Szendrei wrote:

>
> On 1/9/13 7:42 PM, Carl Nord WA1KPD wrote:
>>
>> Why not try a"Space Charge" Tube
http://www.junkbox.com/electronics/lowvoltagetubes.shtml?
>>
> Can't get any power out of 'em, Carl. That's why auto radios that used them always used a Ge power transistor for the AF output. With the space charge audio driver you might get 50mW IIRC.
>
> 73,
> -Larry/NE1S

7427. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 02:56:38 UTC
From: Carl Nord WA1KPD
Topic: 7419 Message: 7427

It would be interesting to see what could be done with a regular tube with reduced voltage.

Somewhat relate, Ron , K1VYU and I played around with a 3 tube late 30s regen that called for around 130 V or so. Signals were still very audible down to around 10V B+ as I recall. In fact the rcvr seemed to become more sensitive as we dropped down the voltage.

Hope you are doing well Larry and happy 2013

----- Original Message -----
From: Gil G. <gil@...>
To: AWAGroup@yahoogroups.com
Sent: Thu, 10 Jan 2013 02:03:28 -0000 (UTC)
Subject: Re: [AWA Group] Hartley 12VDC?

Maybe I'll look into a vibrator power supply then…I can use a NOS vibrator or solid state.. Thanks guys!

Gil.--PGP Key: http://keskydee.com/gil.asc
On Jan 9, 2013, at 8:23 PM, Larry Szendrei wrote:

On 1/9/13 7:42 PM, Carl Nord WA1KPD
wrote:
Why not try a"Space
Charge"
Tube http://www.junkbox.com/electronics/lowvoltagetubes.shtml?

Can't get any power out of 'em, Carl. That's why auto radios that
used them always used a Ge power transistor for the AF output. With
the space charge audio driver you might get 50mW IIRC.

73,

-Larry/NE1S

7428. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 03:01:18 UTC
From: Carl Nord WA1KPD
Topic: 7419 Message: 7428

Gil,
I had a Yaesu 817 QRP rig that I used to bring up to ME when we would ski. Arrived late one night and literally threw a coil of wire out the first floor window on to the snow. The next morning I checked into a 75 meter group with no expectation that my friends in CT, MA NY and Ont. would hear me. They did! You never know

----- Original Message -----
From: Gil G. <gil@...>
To: AWAGroup@yahoogroups.com
Sent: Thu, 10 Jan 2013 02:03:28 -0000 (UTC)
Subject: Re: [AWA Group] Hartley 12VDC?

Maybe I'll look into a vibrator power supply then…I can use a NOS vibrator or solid state.. Thanks guys!

Gil.--PGP Key: http://keskydee.com/gil.asc
On Jan 9, 2013, at 8:23 PM, Larry Szendrei wrote:

On 1/9/13 7:42 PM, Carl Nord WA1KPD
wrote:
Why not try a"Space
Charge"
Tube http://www.junkbox.com/electronics/lowvoltagetubes.shtml?

Can't get any power out of 'em, Carl. That's why auto radios that
used them always used a Ge power transistor for the AF output. With
the space charge audio driver you might get 50mW IIRC.

73,

-Larry/NE1S

7429. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 04:24:51 UTC
From: Gil G.
Topic: 7419 Message: 7429

Radio can be wonderful like that, yes…

It may seem silly, but my goal is to make a transmitter and receiver that would survive a solar storm like in 1859 and battery powered, even human powered maybe… Don't ask me why… I just like to do things differently, just for the heck of it ;-) Sometimes you learn interesting things that way...

Gil.
--
PGP Key: http://keskydee.com/gil.asc

On Jan 9, 2013, at 10:01 PM, Carl Nord WA1KPD wrote:

> Gil,
> I had a Yaesu 817 QRP rig that I used to bring up to ME when we would ski. Arrived late one night and literally threw a coil of wire out the first floor window on to the snow. The next morning I checked into a 75 meter group with no expectation that my friends in CT, MA NY and Ont. would hear me. They did! You never know

7430. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 05:57:07 UTC
From: ve7sl@shaw.ca
Topic: 7419 Message: 7430

Hi Gil - really nice to see you in this group!

My Hull Hartley will actually still ocillate with a plate voltage of 15 VDC and this is on a type 10 triode. I've never measured the power at that voltage but I suspect it is in the milliwatts. I was just surprised that it oscillates at all at such a low volatge.

http://members.shaw.ca/ve7sl/hartley.html

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7431. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 06:39:04 UTC
From: Gil G.
Topic: 7419 Message: 7431

Thanks, good to know.. I'll just have to experiment. I suppose it doesn't make a difference if the filament current id DC, correct? I got a type 27 tube on Ebay, and a type 80 rectifier for the power supply. I will try battery power though…

Right now I have an Ameco AC-1 to rebuild, so the Hartley is for later. There is much work to be done on the chassis, because there is a hole in the front through the Ameco logo (Key jack!!)… I'll have to fill it and redo the silk screening, which I know little about…

I don't have a regen receiver, but my KX3 is an excellent receiver! The tube stuff is new to me, but they have their charm, and I like the simplicity. I build a K2, so the Ameco and Hartley should be very nice and relaxing to build, except for the high voltages involved!

By the way, do you guys have a source for binding posts? The Ameco, I won't necessarily do "period correct," the the Hartley I want to look like it's from 1930… Any suggestions and sources for parts would be greatly appreciated, thank you!

By the way, the Hartley will be for 40m, with nice 1/4" copper tube coils.

After that I'll make a receiver, and that will complete my tube station, maybe… ;-)

Gil, AK4YH.
--
PGP Key: http://keskydee.com/gil.asc

On Jan 10, 2013, at 12:57 AM, <ve7sl@...> <ve7sl@...> wrote:

> Hi Gil - really nice to see you in this group!
>
> My Hull Hartley will actually still ocillate with a plate voltage of 15 VDC
> and this is on a type 10 triode. I've never measured the power at that
> voltage but I suspect it is in the milliwatts. I was just surprised that it
> oscillates at all at such a low volatge.
>
> http://members.shaw.ca/ve7sl/hartley.html
>
>
> Steve / 73

7432. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 06:59:33 UTC
From: Roger Kuchera
Topic: 7419 Message: 7432

Hello Gil,
Please don't think me facetious but if you had 2, 12 volt batteries
you could spin up an old ARC-5 dynamotor and get some decent HV.

CUL, Roger/K1TG

--- On Thu, 1/10/13, Gil G. <gil@...> wrote:

> From: Gil G. <gil@...>
> Subject: Re: [AWA Group] Hartley 12VDC?
> To: AWAGroup@yahoogroups.com
> Date: Thursday, January 10, 2013, 1:39 AM
> Thanks, good to know.. I'll just have
> to experiment. I suppose it doesn't make a difference if the
> filament current id DC, correct? I got a type 27 tube on
> Ebay, and a type 80 rectifier for the power supply. I will
> try battery power though…
>
> Right now I have an Ameco AC-1 to rebuild, so the Hartley is
> for later. There is much work to be done on the chassis,
> because there is a hole in the front through the Ameco logo
> (Key jack!!)… I'll have to fill it and redo the silk
> screening, which I know little about…
>
> I don't have a regen receiver, but my KX3 is an excellent
> receiver! The tube stuff is new to me, but they have their
> charm, and I like the simplicity. I build a K2, so the Ameco
> and Hartley should be very nice and relaxing to build,
> except for the high voltages involved!
>
> By the way, do you guys have a source for binding posts? The
> Ameco, I won't necessarily do "period correct," the the
> Hartley I want to look like it's from 1930… Any
> suggestions and sources for parts would be greatly
> appreciated, thank you!
>
> By the way, the Hartley will be for 40m, with nice 1/4"
> copper tube coils.
>
> After that I'll make a receiver, and that will complete my
> tube station, maybe… ;-)
>
> Gil, AK4YH.
> --
> PGP Key: http://keskydee.com/gil.asc
>

> On Jan 10, 2013, at 12:57 AM, <ve7sl@...>
> <ve7sl@...>
> wrote:
>
> > Hi Gil - really nice to see you in this group!
> >
> > My Hull Hartley will actually still ocillate with a
> plate voltage of 15 VDC
> > and this is on a type 10 triode. I've never measured
> the power at that
> > voltage but I suspect it is in the milliwatts. I was
> just surprised that it
> > oscillates at all at such a low volatge.
> >
> > http://members.shaw.ca/ve7sl/hartley.html
> >
> >
> > Steve / 73
>
>
> ----------
>
> Yahoo! Groups Links
>
>
>   AWAGroup-fullfeatured@yahoogroups.com
>
>

7433. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 07:27:40 UTC
From: Gil G.
Topic: 7419 Message: 7433

Hello Roger,

Thanks, that's an idea. I am new at this, so I do not know all the technology that was then available. I have heard of dynamotors, but nothing much. Nice to get a model number… Something else to look at on Ebay!

Gil.
--
PGP Key: http://keskydee.com/gil.asc

On Jan 10, 2013, at 1:59 AM, Roger Kuchera wrote:

> Hello Gil,
> Please don't think me facetious but if you had 2, 12 volt batteries
> you could spin up an old ARC-5 dynamotor and get some decent HV.
>
> CUL, Roger/K1TG

7434. RE: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 11:23:25 UTC
From: Steve Flood
Topic: 7419 Message: 7434

>> battery powered, even human powered maybe.

Although expensive, you can series-connect all the 12-volt batteries you want and get the job done. That same bank of batteries can be parallel-connected to run your modern rigs.

Use 6-volt battery(ies) through a rheostat for your filaments/heaters.

Steve

KK7UV

7435. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 12:06:45 UTC
From: Larry Szendrei
Topic: 7419 Message: 7435

On 1/9/13 10:01 PM, Carl Nord WA1KPD wrote:
>
> Gil,
> I had a Yaesu 817 QRP rig that I used to bring up to ME when we would
> ski. Arrived late one night and literally threw a coil of wire out the
> first floor window on to the snow. The next morning I checked into a
> 75 meter group with no expectation that my friends in CT, MA NY and
> Ont. would hear me. They did! You never know
>
And way back in ancient times 8GZ (Larry Windom) worked a 5BG in
Australia with 75V at 4mA to a UV-199 Hartley on 40M.

73,
-Larry/NE1S

7436. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 12:10:07 UTC
From: Larry Szendrei
Topic: 7419 Message: 7436

On 1/9/13 9:56 PM, Carl Nord WA1KPD wrote:
>
> It would be interesting to see what could be done with a regular tube
> with reduced voltage.
>
> Somewhat relate, Ron , K1VYU and I played around with a 3 tube late
> 30s regen that called for around 130 V or so. Signals were still very
> audible down to around 10V B+ as I recall. In fact the rcvr seemed to
> become more sensitive as we dropped down the voltage.
>
> Hope you are doing well Larry and happy 2013
>
Yep, for applications that require only extremely low power, even ordinary tubes can perform at very low voltages. I have a one-tube BCB regen made by my grandfather ca. 1921 with a UV-199 that operates FB with 24V plate supply. (Carl, remind me to show you that RX on Sunday).

73,
-Larry/NE1S

7437. Re: Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 14:30:41 UTC
From: Wade
Topic: 7419 Message: 7437

Some radios used 32 VDC directly on plates. It worked even on power output stages.

Wade

Sent from my iPad by JWT

7438. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 15:45:24 UTC
From: Gil G.
Topic: 7419 Message: 7438

Thanks Larry, great article. I love QRP.
I have done 4000 miles / Watt.. My Rock-Mite 40 works great, and outputs 1.5W with a 2SC799.
I also built a DC20B that outputs 500mW on 20m.
Now the tube stuff promises to be a lot of fun!

Gil.
--
PGP Key: http://keskydee.com/gil.asc

On Jan 10, 2013, at 7:06 AM, Larry Szendrei wrote:

>
> And way back in ancient times 8GZ (Larry Windom) worked a 5BG in Australia with 75V at 4mA to a UV-199 Hartley on 40M.
>
> 73,
> -Larry/NE1S

7439. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 16:08:57 UTC
From: Larry Szendrei
Topic: 7419 Message: 7439

On 1/10/13 10:45 AM, Gil G. wrote:
>
> Thanks Larry, great article. I love QRP.
>
> I have done 4000 miles / Watt.. My Rock-Mite 40 works great, and
> outputs 1.5W with a 2SC799.
> I also built a DC20B that outputs 500mW on 20m.
FB, Gil.
> Now the tube stuff promises to be a lot of fun!
Once you start playing around with tubes, you'll never go back! ;-)

73,
-Larry/NE1S

7440. Re: [AWA Group] Re: Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 16:11:53 UTC
From: Larry Szendrei
Topic: 7419 Message: 7440

On 1/10/13 9:30 AM, Wade wrote:
>
> Some radios used 32 VDC directly on plates. It worked even on power
> output stages.
>
> Wade
>
Good point, Wade. I am aware of the R-392 which used a vacuum tube output device at 28VDC. It put out enough power to drive a speaker, anyway. But I think it's a very specialized tube it uses.

73,
-Larry/NE1S

7441. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 16:45:14 UTC
From: ve7sl@shaw.ca
Topic: 7419 Message: 7441

>I suppose it doesn't make a difference if the filament current id DC,
>correct?

not normally...sometimes a better CW note with fialmenst on DC.

>Hartley should be very nice and relaxing to build, except for the high
>voltages involved!

will keep you on your toes...or on your butt if not careful!

>By the way, do you guys have a source for binding posts? Any suggestions
>and sources for parts would be greatly appreciated, thank you!

e-bay can be a good source of period-correct parts if you work at it. This place has a good supply of older components and his prices are good:

http://www.oldradioparts.com/

You can always post a want-list here and see what happens as well as many of the other homebrewer sites. Scour your next few fleamarkets, especially under the table in those old dusty boxes. Try and hook-up with some of the local old-timers that might put you onto a good basement / attic full of parts, waiting to be thrown out.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7442. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 17:05:10 UTC
From: Bauman, John
Topic: 7419 Message: 7442

"Scour your next few fleamarkets, especially under the table in those old dusty boxes."

The voice of experience!!

7443. RE: [EXTERNAL EMAIL] :[TO OLD ADDRESS]: Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 17:37:19 UTC
From: Bauman, John
Topic: 7419 Message: 7443

“Somewhat relate, Ron , K1VYU and I played around with a 3 tube late 30s regen that called for around 130 V or so. Signals were still very audible down to around 10V B+ as I recall. In fact the rcvr seemed to become more sensitive as we dropped down the voltage.”

Yes, and ARC-5 RXs will work with only 12vdc on the plate just not much volume.

There have been many others who have tried to build a 12vdc tube TX. Sure you can make a 5 mw TX but no one that I know of has succeeded in getting 10mw, let alone 250 mw or more even with modern tubes and circuits.

Here’s a little 12v TX but it puts out less than 10 mw. It’s at the bottom of the page.
http://pastimeprojects.com/transmitterkits.html

Kees Talen, K5BCQ spent many years trying to get a 12v tube TX to work but finally gave up. He used to have it on his QSL.net page wit his other tube projects but I see it’s gone now.
http://www.qsl.net/k5bcq/

John

KB7NRN

7444. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 20:01:20 UTC
From: ab9zg@ymail.com
Topic: 7419 Message: 7444

I agree with Roger that a dynamotor is the thing for the job.
On page 34 of the Oct 1928 QST, there is a portable crystal-controlled MOPA that runs on 12VDC. It uses a dynamotor to step it up to 350V for the plates.

7445. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 20:33:51 UTC
From: Leonard Meek
Topic: 7419 Message: 7445
Attachments: 1 described; binary payloads are missing from this source WARC

Why not a solid state inverter? There's plenty of circuits on the internet and they're not complicated. And unlike dynamotors, they don't have brushes or bearings to go bad. I've attached an inverter circuit from Dayle Edwards that looks pretty simple. If it doesn't come through, you'll have to go to the Regenrx2 files page.

Leonard

----- Original Message -----
From: <ab9zg@...>
To: <AWAGroup@yahoogroups.com>
Sent: Thursday, January 10, 2013 10:01 AM
Subject: Re: [AWA Group] Hartley 12VDC?

>I agree with Roger that a dynamotor is the thing for the job.
> On page 34 of the Oct 1928 QST, there is a portable crystal-controlled
> MOPA that runs on 12VDC. It uses a dynamotor to step it up to 350V for the
> plates.
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> Yahoo! Groups Links
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7446. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 20:41:11 UTC
From: Roger Kuchera
Topic: 7419 Message: 7446

Addenda....
Then to there is the "character" that the commutator noise adds to your signal.....no one will figure it out! :) :)

CUL, Roger/K1TG

--- On Thu, 1/10/13, Leonard Meek <lemeek@...> wrote:

> From: Leonard Meek <lemeek@...>
> Subject: Re: [AWA Group] Hartley 12VDC?
> To: AWAGroup@yahoogroups.com
> Date: Thursday, January 10, 2013, 3:33 PM
> Why not a solid state inverter?
> There's plenty of circuits on the internet
> and they're not complicated. And unlike dynamotors, they
> don't have brushes
> or bearings to go bad. I've attached an inverter circuit
> from Dayle Edwards
> that looks pretty simple. If it doesn't come through, you'll
> have to go to
> the Regenrx2 files page.
>
> Leonard
>
>
>
>
>
>
>
> ----- Original Message -----
> From: <ab9zg@...>
> To: <AWAGroup@yahoogroups.com>
> Sent: Thursday, January 10, 2013 10:01 AM
> Subject: Re: [AWA Group] Hartley 12VDC?
>
>
> >I agree with Roger that a dynamotor is the thing for the
> job.
> > On page 34 of the Oct 1928 QST, there is a portable
> crystal-controlled
> > MOPA that runs on 12VDC. It uses a dynamotor to step it
> up to 350V for the
> > plates.
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> AWAGroup-fullfeatured@yahoogroups.com
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>

7447. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 21:18:14 UTC
From: Larry Szendrei
Topic: 7419 Message: 7447

On 1/10/13 3:01 PM, ab9zg@... wrote:
>
> I agree with Roger that a dynamotor is the thing for the job.
> On page 34 of the Oct 1928 QST, there is a portable crystal-controlled
> MOPA that runs on 12VDC. It uses a dynamotor to step it up to 350V for
> the plates.
>
Or for another 1920s authentic method of obtaining B+ from batteries, make a high voltage supply from a Ford spark coil. But it's not for the faint of heart; the note is "interesting," to say the least. One of the guys (I forget now who - WB2AWQ? WA3FFC?) used such a transmitter/supply on the 1929 BK in the past.

I also agree with Roger and Jon, the dynamotor is more practical, and probably will solicit fewer OO reports.

73,
-Larry/NE1S

7448. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 21:28:51 UTC
From: N1BUG
Topic: 7419 Message: 7448

On 01/10/2013 04:18 PM, Larry Szendrei wrote:
> Or for another 1920s authentic method of obtaining B+ from
> batteries, make a high voltage supply from a Ford spark coil. But
> it's not for the faint of heart; the note is "interesting," to say
> the least. One of the guys (I forget now who - WB2AWQ? WA3FFC?) used
> such a transmitter/supply on the 1929 BK in the past.

WB2AWQ mentioned to me that he had originally used a Ford spark coil
B+ supply with his 1921 Hartley (pair of UV-202's). He said it has
produced 160 volts of 140 cycle raw AC.

73,
Paul N1BUG

7449. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 21:36:02 UTC
From: Gil G.
Topic: 7419 Message: 7449

Hello Paul,

You would need a vibrator, right?

Gil.
--
PGP Key: http://keskydee.com/gil.asc

On Jan 10, 2013, at 4:28 PM, N1BUG wrote:

> WB2AWQ mentioned to me that he had originally used a Ford spark coil
> B+ supply with his 1921 Hartley (pair of UV-202's). He said it has
> produced 160 volts of 140 cycle raw AC.
>
> 73,
> Paul N1BUG

7450. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 21:47:22 UTC
From: Larry Szendrei
Topic: 7419 Message: 7450

On 1/10/13 4:36 PM, Gil G. wrote:
>
> Hello Paul,
>
>
> You would need a vibrator, right?
>

An interrupter is integral with the Ford coil, so no separate vibrator
is required.

73,
-Larry/NE1S

7451. Re: Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 21:50:46 UTC
From: Wade
Topic: 7419 Message: 7451

I am aware of an airline radio that used a 6A6 output class B p/p on 32 volts. It put out good volume with a pm speaker. The 6N7 is a similar twin triode. Nothing special.

Wade

Sent from my iPad by JWT

7452. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 21:52:17 UTC
From: Roger Kuchera
Topic: 7419 Message: 7452

OO reports or a Grand Island QSL!

In general, some good quality caps will get rid of most of the hash from a dynamotor. Come to think of it, it has been a while since I saw my last ARC-5 dynamotor. With the Mil gear collectors around, it shouldn't be a hard thing to find.

Roger.

--- On Thu, 1/10/13, Larry Szendrei <ne1s@...> wrote:

From: Larry Szendrei <ne1s@...>
Subject: Re: [AWA Group] Hartley 12VDC?
To: AWAGroup@yahoogroups.com
Date: Thursday, January 10, 2013, 4:18 PM

On 1/10/13 3:01 PM, ab9zg@... wrote:

I agree with Roger that a dynamotor is the thing for the job.
On page 34 of the Oct 1928 QST, there is a portable crystal-controlled MOPA that runs on 12VDC. It uses a dynamotor to step it up to 350V for the plates.
Or for another 1920s authentic method of obtaining B+ from batteries, make a high voltage supply from a Ford spark coil. But it's not for the faint of heart; the note is "interesting," to say the least. One of the guys (I forget now who - WB2AWQ? WA3FFC?) used such a transmitter/supply on the 1929 BK in the past.

I also agree with Roger and Jon, the dynamotor is more practical, and probably will solicit fewer OO reports.

73,
-Larry/NE1S

7453. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 21:52:51 UTC
From: Larry Szendrei
Topic: 7419 Message: 7453

On 1/10/13 4:28 PM, N1BUG wrote:
>
>
> WB2AWQ mentioned to me that he had originally used a Ford spark coil
> B+ supply with his 1921 Hartley (pair of UV-202's). He said it has
> produced 160 volts of 140 cycle raw AC.
>
That's right, it was Howie, and that's the rig.

I had assumed he was making some attempt to rectify the output, but it
sounds like you've got better info.

Then it's not a B+ supply, but a B~ supply!

73,
-Larry/NE1S

7454. Re: [AWA Group] Re: Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 21:54:27 UTC
From: Larry Szendrei
Topic: 7419 Message: 7454

On 1/10/13 4:50 PM, Wade wrote:
>
> I am aware of an airline radio that used a 6A6 output class B p/p on
> 32 volts. It put out good volume with a pm speaker. The 6N7 is a
> similar twin triode. Nothing special.
>
Cool! Can you pass along the original info, or a reference?

7455. K0PK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-10 22:08:03 UTC
From: Louis Vermond
Topic: 7455 Message: 7455

Hello Paul,

Thank you for your Kelley QSL card. Very much appreciative it, but, unfortunately, I have no cards to reciprocate with.

Hope to work you in the Cundall.

73, Lou
VE3AWA

7456. Re: [AWA Group] Re: Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-11 01:40:48 UTC
From: Ron Barlow
Topic: 7419 Message: 7456

I believe that the R-392, like the BC-1206, used a 28D7 audio output stage. The BC-1206 (for certain), and IIRC, the R-392 receivers, operated with 28 volts on the heaters and plates-no dynamotor, etc. According to Franks electron tube pages, the 28D7 can deliver .6 watts of AF, with only 28 volts, on the plates, operating in the class A-2 mode.

73 de Ron

n4gjv

From: Larry Szendrei <ne1s@securespeed.us>
To: AWAGroup@yahoogroups.com
Sent: Thursday, January 10, 2013 11:11 AM
Subject: Re: [AWA Group] Re: Hartley 12VDC?

On 1/10/13 9:30 AM, Wade wrote:

>Some radios used 32 VDC directly on plates. It worked even on power output stages.
>
>Wade
>Good point, Wade. I am aware of the R-392 which used a vacuum tube output device at 28VDC. It put out enough power to drive a speaker, anyway. But I think it's a very specialized tube it uses.73,-Larry/NE1S

7457. Re: [AWA Group] Need Contest info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-11 03:17:42 UTC
From: Don Buska - The Radio Lab Works
Topic: 7420 Message: 7457

Jim,

Yeah that link has a problem here as well. Slide a little further down that page and click on the "AWA 2012-2013 On-Air Event Schedule" link and it will provide a pdf version of all the contest for 2013. The pdf document has additional links for detailed rules and log sheets.

73

Don N9OO

P.S. The above AWA site link is
http://www.antiquewireless.org/pdf/AWA_2012-2013_Event_Schedule.pdf

On 1/9/2013 4:55 PM, JAMES HANLON wrote:
> I was trying to access the Amateur Radio News on the AWA web page, but
> the link was not working. Would someone please let me know the dates,
> etc. of the upcoming 9operating events?
>
> Thanks,
>
> Jim Hanlon, W8KGI

7458. Re: [AWA Group] Need Contest info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-11 11:39:32 UTC
From: N1BUG
Topic: 7420 Message: 7458

For the record - and the last time I will mention it.....

That link to Amateur Radio News has been broken for a very long time. The links to rules and log sheets in the pdf file will only work on some computers. A good number of people won't be able to get to those files. The web site seems to be very poorly managed with little thought to compatibility. I have tried contacting the webmaster and AWA officers with suggestions and offers of help but don't even get the courtesy of a reply. I've given up.

73,
Paul

On 01/10/2013 10:17 PM, Don Buska - The Radio Lab Works wrote:
> Jim,
>
> Yeah that link has a problem here as well. Slide a little further down
> that page and click on the "AWA 2012-2013 On-Air Event Schedule" link
> and it will provide a pdf version of all the contest for 2013. The pdf
> document has additional links for detailed rules and log sheets.
>
> 73
>
> Don N9OO
>
> P.S. The above AWA site link is
> http://www.antiquewireless.org/pdf/AWA_2012-2013_Event_Schedule.pdf
>
> On 1/9/2013 4:55 PM, JAMES HANLON wrote:
>> I was trying to access the Amateur Radio News on the AWA web page, but
>> the link was not working. Would someone please let me know the dates,
>> etc. of the upcoming 9operating events?
>>
>> Thanks,
>>
>> Jim Hanlon, W8KGI
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

7459. Re: [AWA Group] Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-11 12:20:23 UTC
From: N1BUG
Topic: 7419 Message: 7459

> Then it's not a B+ supply, but a B~ supply!

Heh! Good point.

73
--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

7460. Re: [AWA Group] Need Contest info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-11 12:43:33 UTC
From: Eddy Swynar
Topic: 7420 Message: 7460

On 2013-01-11, at 6:39 AM, N1BUG wrote:

> I have tried contacting the webmaster and AWA officers with suggestions and offers of help but don't even get the courtesy of a reply. I've given up.
>

Hi Paul,

I share your pain here...

First, some 6 - 7 years ago, I wrote TWICE to the leadership of AWA (via snail-mail), offering them what I considered to be a good tip on how to (possibly) increase membership---I even volunteered my own personal on-going services & time help in this initiative: and I heard zero / zip / nada back from them...not even so much as the simple courtesy of an acknowledgement of their receipt of my letters...

Fast-forward to to-day: a friend of mine who lives just some 1.5 hours away from me, has some historical documents pertaining to commercial radio in Canada, that he's offered to donate---free / gratis---to a Canadian archival group in Ottawa---but has heard nothing back from them for months now. I suggested he try giving it all to AWA, and judging by its potential in the matter of historical value, I suggested that they might even send a delegate his way for personal pick-up (probably just a 3+ hour drive away from Rochester, one way)...

...And his answer?

"Who do you think I wrote to first...?!"

Yup---just like you and me, they wouldn't even so much as grace what could be generous donation of historical papers on his part with even a simple "...Thanks, but no thanks" letter.

In as much as I value my membership to AWA, the powers-that-be therein are either incredibly stupid, or could care less about members' feedback...and they do so at the organization's own peril, too, IMHO...

~73~ de Eddy VE3CUI - VE3XZ

7461. Meter(s) Request...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-11 13:18:27 UTC
From: Eddy Swynar
Topic: 7461 Message: 7461

Good Day All,

I am curious if anyone reading this might have one, or two, matching meters currently languishing in your respective "...junque boxes" that I could use as replacements in my homebrew linear amplifier...?

I require one with a 0 -1 ma. DC meter (or, 0 - 1 amp.) movement, and one with a 0 - 250 ma. (or, 0 - 300 ma.) movement. These will be used to measure plate current, and grid current, respectively...

The only stickler is, the meters have to be "SIMPSON" brand, and 2-1/4" square (roughly), made of black bakelite. I hope to directly transplant the "innards" of each meter into the existing grey-coloured cases of the meters that currently adorn the front face of my linear (it uses a total of four such meters to measure various aspects of the amplifier).

I will gladly trade you goodies for these, such as you may need, or $$$ (depending upon how much, of course! Hi).

Many thanks for your kind consideration...

~73~ de Eddy VE3CUI - VE3XZ

7462. Re: [AWA Group] Need Contest info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-11 13:22:54 UTC
From: N1BUG
Topic: 7420 Message: 7462

Hi Eddy,

Thanks for sharing the most enlightening, if completely mind
boggling story! Now I know I made the right decision in giving up.

> In as much as I value my membership to AWA, the powers-that-be
> therein are either incredibly stupid, or could care less about
> members' feedback...and they do so at the organization's own peril,
> too, IMHO...

Exactly my point about the organization's own peril, and I've made
that clear in my correspondence to them. It saddens me to think an
organization supposedly focused on preserving history seems to care
so little about ensuring its own future.

I don't know what the situation really is (how could I, they are
incommunicative) but I'll tell you it *feels* like a good ol' boys'
club. You're either one of the chosen, in which case your ideas
matter; or you're not, in which case they'll gladly take your
membership dues but that's the end of it.

Oh well. I tried. Personally I shall now concentrate on other
pursuits where I can make a difference.

73
--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

7463. Re: [AWA Group] Need Contest info

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-11 13:31:17 UTC
From: Eddy Swynar
Topic: 7420 Message: 7463

Hi Paul,

I concur 101% with your remarks, and have no doubt in my mind that there are many others who might share our mutual opinion...

Unfortunately, they---just as we two do---no doubt all belong to that secondary "...shadow niche" of AWA, i.e. the one that does not grant access to the inner sanctum of The Old Boys' Club...

No matter: I shall continue on with my membership to AWA per se, as I really value its stellar quarterly publication that I know Marc Ellis labours over tirelessly...and as for the so-called vision & fortitude of the "...leadership" itself...?

M'eh!

~73~ de Eddy VE3CUI - VE3XZ

On 2013-01-11, at 8:22 AM, N1BUG wrote:

> Hi Eddy,
>
> Thanks for sharing the most enlightening, if completely mind
> boggling story! Now I know I made the right decision in giving up.
>
> > In as much as I value my membership to AWA, the powers-that-be
> > therein are either incredibly stupid, or could care less about
> > members' feedback...and they do so at the organization's own peril,
> > too, IMHO...
>
> *Exactly* my point about the organization's own peril, and I've made
> that clear in my correspondence to them. It saddens me to think an
> organization supposedly focused on preserving history seems to care
> so little about ensuring its own future.
>
> I don't know what the situation really is (how could I, they are
> incommunicative) but I'll tell you it *feels* like a good ol' boys'
> club. You're either one of the chosen, in which case your ideas
> matter; or you're not, in which case they'll gladly take your
> membership dues but that's the end of it.
>
> Oh well. I tried. Personally I shall now concentrate on other
> pursuits where I can make a difference.
>
> 73
> --
> Paul Kelley, N1BUG
> RFI Committee chair,

> Piscataquis Amateur Radio Club
> http://www.k1pq.org
>
>

7464. Fwd: Meter(s) Request...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-11 15:05:07 UTC
From: Eddy Swynar
Topic: 7464 Message: 7464

Hi Guys,

Ol' "FAT FINGERS" here (or is that, "FAT HEAD"...?!) strikes again, I'm afraid...!

Rather than specifying a "0 - 1 ma. DC meter movement" as I did in my original posting (below), what I MEANT to say was "0 - 1000 ma. DC"...

So much for the merits of "...post-sending proof-reading"!

Sorry for the embarrassing error...

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

> From: Eddy Swynar <deswynar@...>
> Date: January 11, 2013 8:18:27 AM EST
> To: AWAGroup@yahoogroups.com
> Subject: Meter(s) Request...
>
> Good Day All,
>
> I am curious if anyone reading this might have one, or two, matching meters currently languishing in your respective "...junque boxes" that I could use as replacements in my homebrew linear amplifier...?
>
> I require one with a 0 -1 ma. DC meter (or, 0 - 1 amp.) movement, and one with a 0 - 250 ma. (or, 0 - 300 ma.) movement. These will be used to measure plate current, and grid current, respectively...
>
> The only stickler is, the meters have to be "SIMPSON" brand, and 2-1/4" square (roughly), made of black bakelite. I hope to directly transplant the "innards" of each meter into the existing grey-coloured cases of the meters that currently adorn the front face of my linear (it uses a total of four such meters to measure various aspects of the amplifier).
>
> I will gladly trade you goodies for these, such as you may need, or $$$ (depending upon how much, of course! Hi).
>
> Many thanks for your kind consideration...
>
> ~73~ de Eddy VE3CUI - VE3XZ

7465. Re: Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-11 16:14:20 UTC
From: Wade
Topic: 7419 Message: 7465

> > I am aware of an airline radio that used a 6A6 output class B p/p on
> > 32 volts. It put out good volume with a pm speaker. The 6N7 is a
> > similar twin triode. Nothing special.
> >
> Cool! Can you pass along the original info, or a reference?

Take a look at Airline models 62-229, 62-237 and 62-239. Nostalgia has schematics for these.

Wade

Honey Hill Farm
http://www.honeyhillfarm.com
beekeeper@...

7466. Cundall Log & Rules

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-11 16:58:38 UTC
From: Louis Vermond
Topic: 7466 Message: 7466
Attachments: 2 described; binary payloads are missing from this source WARC

OK now, James?

7467. 1941 Major Armstrong QSO via 40MHz FM Yankee Network

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-12 17:07:30 UTC
From: Larry Szendrei
Topic: 7467 Message: 7467

wav file (beware-nearly 300MB):
https://www.amazon.com/clouddrive/share?s=8kQLYm0yQ_IsTAIIFZdCGo

reduced to mp3 thanks to Chris W4NEQ:
http://w4neq.com/misc/w1xoj_1941.mp3

post by W1TAV (thanks, Steve!) and discussion on amfone.net:
http://amfone.net/Amforum/index.php?topic=33151.0

I found it a very interesting listen.

73,
-Larry/NE1S

7468. Re: [AWA Group] Re: Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-12 19:21:47 UTC
From: Larry Szendrei
Topic: 7419 Message: 7468

On 1/11/13 11:14 AM, Wade wrote:
>
> > > I am aware of an airline radio that used a 6A6 output class B p/p on
> > > 32 volts. It put out good volume with a pm speaker. The 6N7 is a
> > > similar twin triode. Nothing special.
> > >
> > Cool! Can you pass along the original info, or a reference?
>
> Take a look at Airline models 62-229, 62-237 and 62-239. Nostalgia has
> schematics for these.
>
Thanks, Wade.

Not bad, 250mW undistorted output at 32VDC on the plates. Probably not enough output for a car radio where it needs to compete with vehicle noise. Assuming it does as good at RF, it would make an interesting QRPp transmitter.

Incidentally, the exciter deck in my "Old Buzzard" transmitter uses 6A6s as XTAL osc and in the frequency multiplier stages.

73,
-Larry/NE1S

7469. TNT on 40m with a loop.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 00:47:20 UTC
From: Don
Topic: 7469 Message: 7469

I dragged out my 40M TNT thursday and wired it up to my bench supply (270 volts key down.) I had the 45 tube in it and was poking around 7110. This fall I had worked hard at making a transmitting ground mounted loop antenna. My one rig didnt really like it and I tried many different designs. When the snow came I just left it. I needed an antenna for the TNT and didnt have a spare male to male coax coupler in the downstairs HB shack so I put my SWR meter in series for the test. MMM. 1.3 to 1 SWR. Called CQ for a bit but no joy. I would like to try it again. I am showing about 4 to 4.5 watts rf out. I am interested to know of it is actually getting out.
Don VE3LYX

7470. RE: Cundal Log & Rules

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 01:00:06 UTC
From: JAMES HANLON
Topic: 7470 Message: 7470

Louis,

Yes, thank you, the link on the web page is now working.

Jim Hanlon, W8KGI

7471. Re: [AWA Group] TNT on 40m with a loop.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 01:00:34 UTC
From: KG4KGL
Topic: 7469 Message: 7471

Don,

When would like to perform this test?

73,

Robert
KG4KGL

On Jan 12, 2013, at 19:47, "Don" <dulmagedon@...> wrote:

> I dragged out my 40M TNT thursday and wired it up to my bench supply (270 volts key down.) I had the 45 tube in it and was poking around 7110. This fall I had worked hard at making a transmitting ground mounted loop antenna. My one rig didnt really like it and I tried many different designs. When the snow came I just left it. I needed an antenna for the TNT and didnt have a spare male to male coax coupler in the downstairs HB shack so I put my SWR meter in series for the test. MMM. 1.3 to 1 SWR. Called CQ for a bit but no joy. I would like to try it again. I am showing about 4 to 4.5 watts rf out. I am interested to know of it is actually getting out.
> Don VE3LYX
>
>

7472. Re: [AWA Group] TNT on 40m with a loop.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 01:13:04 UTC
From: Gil G.
Topic: 7469 Message: 7472

I'm on 40m tonight… Will listen on 7110: AK4YH.

Gil.
--
PGP Key: http://keskydee.com/gil.asc

On Jan 12, 2013, at 7:47 PM, Don wrote:

> I dragged out my 40M TNT thursday and wired it up to my bench supply (270 volts key down.) I had the 45 tube in it and was poking around 7110. This fall I had worked hard at making a transmitting ground mounted loop antenna. My one rig didnt really like it and I tried many different designs. When the snow came I just left it. I needed an antenna for the TNT and didnt have a spare male to male coax coupler in the downstairs HB shack so I put my SWR meter in series for the test. MMM. 1.3 to 1 SWR. Called CQ for a bit but no joy. I would like to try it again. I am showing about 4 to 4.5 watts rf out. I am interested to know of it is actually getting out.
> Don VE3LYX
>
>

7473. RE: [AWA Group] TNT on 40m with a loop.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 01:56:58 UTC
From: Steve Flood
Topic: 7469 Message: 7473

What is your plate current Don? Your wattmeter may need calibrated.

The TNT is typically 30-35% efficiency on 40m. 4 watts output implies around 12 watts input. With 270v, that implies 44mA plate current.

I would guess something between 1 and 2 watts out for a 45 tube.

73, Steve KK7UV

7474. Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 02:49:22 UTC
From: Whitebear
Topic: 7469 Message: 7474

I got the 1935 Gross CP100 running with the Millen 90711 Vfo, made 1 80 meter qso with K4JYS and then the Gross lost power. So I'm down. While working on the tx I didn't hear any other awa stns. Man it's wall to wall cw with some big cw test going on. Will hook up the 29 transmitter and see what I can work. 73 Scott WA9WFA

7475. Re: [AWA Group] Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 11:53:23 UTC
From: Bill Stewart
Topic: 7469 Message: 7475

Hey Scott,

It was a pleasant surprise to work you last night. I was xtal controlled and you just happened to be on freq. Sigs were weak, but copied mostly ok. I was running a Jones Push-Pull 6A6 (1935) at about 20 watts input, and an orig. type of Windom. The rcvr was a one tube regen, using a #19 tube, also from a 1935 'Radio' magazine. I'm really amazed at how well that rcvr works. Hope to have this stn on during some of the LC.

Sorry about your trouble, and hope its nothing serious and we can hear you during the LC. Yes, the band was busy last night..must be a DX contest. I was hearing lots of EU and other DX stns.

73 de Bill K4JYS

----- Original Message -----

I got the 1935 Gross CP100 running with the Millen 90711 Vfo, made 1 80 meter qso with K4JYS and then the Gross lost power. So I'm down. While working on the tx I didn't hear any other awa stns. Man it's wall to wall cw with some big cw test going on. Will hook up the 29 transmitter and see what I can work. 73 Scott WA9WFA

7476. Re: [AWA Group] Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 12:44:53 UTC
From: Larry Szendrei
Topic: 7469 Message: 7476

On 1/12/13 9:49 PM, Whitebear wrote:
>
> I got the 1935 Gross CP100 running with the Millen 90711 Vfo, made 1
> 80 meter qso with K4JYS and then the Gross lost power. So I'm down.
> While working on the tx I didn't hear any other awa stns. Man it's
> wall to wall cw with some big cw test going on. Will hook up the 29
> transmitter and see what I can work. 73 Scott WA9WFA
>
>
Scott,

Hope you find the problem with the Gross and that it's nothing serious.

The Linc Cundall is this coming Wed/Thirs and next Sat/Sun.

73,
-Larry/NE1S

7477. Reverse Beacons

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 13:20:48 UTC
From: Bill Stewart
Topic: 7213 Message: 7477

Morning all,

I guess most of you know about this hi-tech tool, but boy is it nifty.

This morning, after calling CQ, on 80m, 'till I was blue in the face and only one taker, I checked the RBN web page and found I was being heard all around, and with a fairly good signal...even into UT.

So, the next time you wanna know if you are getting out, just check this tool and you might be surprised where your sigs are going.

73 de Bill K4JYS

7478. Re: [AWA Group] Reverse Beacons

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 13:27:05 UTC
From: Eddy Swynar
Topic: 7213 Message: 7478

On 2013-01-13, at 8:20 AM, Bill Stewart wrote:

> I guess most of you know about this hi-tech tool, but boy is it nifty.
>
> This morning, after calling CQ, on 80m, 'till I was blue in the face and only one taker, I checked the RBN web page and found I was being heard all around, and with a fairly good signal...even into UT.
>
> So, the next time you wanna know if you are getting out, just check this tool and you might be surprised where your sigs are going.
>

Hi Bill,

Yes, it can be a VERY useful tool in checking antennas, etc.

One time when I wanted to check the directivity of my 160-meter antenna, I'd call CQ in direction "A" for 5 minutes---making note of the exact times---then switching to direction "B" for another 5 minutes, again logging the time. I'd then go on-site & compare the posted reports from the same stations that copied me.

As you say, it's pretty nifty!

For those who may not be aware of the address of the site, here it is (all you have to do is enter your call-sign):

http://www.reversebeacon.net/srch.php

~73~ de Eddy VE3CUI - VE3XZ

7479. my 1929 Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 14:07:04 UTC
From: barry whittemore
Topic: 7479 Message: 7479

I finished cleaning up my Hartley and put a picture on my QRZ.com page.
During the contest i had clip leads and the antenna match was just hanging off the back but it is all working good now.

Thanks to all for the help, Parts and encouragement along the way.

I have no knob on the antenna match cap due to large shaft and no matching knob.

73
Barry
NF1O

7480. Re: [AWA Group] Linc Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 14:13:02 UTC
From: Whitebear
Topic: 7469 Message: 7480

Geez what dumb mistake hi hi . For some reason I had it in my mind that the event was this weekend. I have the 29 rig ready if I can't get the Gross working. 73 Scott WA9WFA

Sent from my iPhone

On Jan 13, 2013, at 6:44 AM, Larry Szendrei <ne1s@...> wrote:

>
>
> On 1/12/13 9:49 PM, Whitebear wrote:
>> I got the 1935 Gross CP100 running with the Millen 90711 Vfo, made 1 80 meter qso with K4JYS and then the Gross lost power. So I'm down. While working on the tx I didn't hear any other awa stns. Man it's wall to wall cw with some big cw test going on. Will hook up the 29 transmitter and see what I can work. 73 Scott WA9WFA
>>
> Scott,
>
> Hope you find the problem with the Gross and that it's nothing serious.
>
> The Linc Cundall is this coming Wed/Thirs and next Sat/Sun.
>
> 73,
> -Larry/NE1S
>
>
>

7481. Ammeter 50mA, anyone?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 15:16:46 UTC
From: Gil G.
Topic: 7479 Message: 7481

Hello,

Would anyone have one or two 50mA or 100mA vintage ammeters for sale? I found some Chinese made ones on Ebay, but can't bring myself, yet, to use a plastic Chinese meter on a 1929 replica...

Gil.
--
PGP Key: http://keskydee.com/gil.asc

7482. Re: Hartley 12VDC?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 15:24:25 UTC
From: Wade
Topic: 7419 Message: 7482

> Not bad, 250mW undistorted output at 32VDC on the plates. Probably not
> enough output for a car radio where it needs to compete with vehicle
> noise. Assuming it does as good at RF, it would make an interesting QRPp
> transmitter.
>
> Incidentally, the exciter deck in my "Old Buzzard" transmitter uses 6A6s
> as XTAL osc and in the frequency multiplier stages.

Larry

This setup is not exactly a powerhouse, but it definitely works. I revived one of these sets many years ago. Please note the grid bias of +6 volts on the 6A6. Running class C p/p at RF with 48 plate volts, proper grid bias and suitable drive should improve output but might also increase harmonic output. Might be interesting to experiment.

Wade

Honey Hill Farm
http://www.honeyhillfarm.com
beekeeper@...

7483. Looking forward to LC

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 16:38:23 UTC
From: Roger Kuchera
Topic: 7483 Message: 7483

Gentlemen,
It's good to see enthusiasm building up for the Linc Cundall test. I am spending my waking hours trying to be ready also. The only problem I am having is I can't seem to be able to get enough HFO signal out of my RME-69 to trigger my digital dial circuit. It's not a big issue.

Let's give honest reports to each other. I usually send an X, PDC, K or C after the RST but I seldom get a response in like kind. It lends a little extra "something" to our unique contest.

At any rate, I look forward to a good time and a QSO with members of The League of Extraordinary Gentlemen.

CUL, Roger/K1TG

7484. RE: 12-volt Hartley comment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 16:46:12 UTC
From: Roger Kuchera
Topic: 7484 Message: 7484

I've lost track of just who asked about powering a Hartley with 12 volts.

I had a conversation with a Mil gear collector yesterday and he allowed as to how he powers his BC-348 with a dynamotor and battery. He couldn't remember just what B plus he got with just a single 12V battery but that it does work. It is a tad noisier than other methods of getting HV.

He suggested the well-known auction site for a source of them.

CUL, Roger/K1TG

7485. Re: [AWA Group] 12-volt Hartley comment

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 17:52:33 UTC
From: Gil G.
Topic: 7484 Message: 7485

Thanks, that was me asking… I will definitely look into Dynamotors, and also try lower plate voltages just to see how low I can get...

Gil.
--
PGP Key: http://keskydee.com/gil.asc

On Jan 13, 2013, at 11:46 AM, Roger Kuchera wrote:

> I've lost track of just who asked about powering a Hartley with 12 volts.
>
> I had a conversation with a Mil gear collector yesterday and he allowed
> as to how he powers his BC-348 with a dynamotor and battery. He couldn't
> remember just what B plus he got with just a single 12V battery but that
> it does work. It is a tad noisier than other methods of getting HV.
>
> He suggested the well-known auction site for a source of them.
>
> CUL, Roger/K1TG

7486. RME-69 and a digital dial

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-13 19:34:00 UTC
From: Roger Kuchera
Topic: 7486 Message: 7486

Gentlemen,
I finally got a coupling arrangement that gets enough HFO output to trigger my digital dial, to wit:

A 6" piece of solid hook-up wire with one end stripped for about a half an inch. That is wound around pin 2 (plate) of the 6D6 HFO. Please be careful as this brings B plus above the chassis. I wound 4 turns of this piece of wire around another 6 inch piece and wound 4 turns of it around that. Thus, it is a gimmick capacitor around 5 uuf. I wrapped some black electrical tape around the whole thing. In 2 hours, I have seen the RME drift but a negative 2 Kcs.

While this may seem to have no bearing on the Linc Cundall test, let's face it "If they'd of had them, they'd of used them." It eliminates a lot of guess work.

CUL, Roger/K1TG

7487. Re: [AWA Group] TNT on 40m with a loop.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-14 14:20:16 UTC
From: Don
Topic: 7469 Message: 7487

--- In AWAGroup@yahoogroups.com, "Steve Flood" wrote:
>
> What is your plate current Don? Your wattmeter may need calibrated.
>
> The TNT is typically 30-35% efficiency on 40m. 4 watts output implies
> around 12 watts input. With 270v, that implies 44mA plate current.
>
> I would guess something between 1 and 2 watts out for a 45 tube.
>
>
>
> 73, Steve KK7UV
Could be. My meter is only relative. Any accuracy would be purely acccidental.
I have measured the current (about a year ago in the old shack)but cant remember what it was. Anyway doesnt matter. A QSO is what matters.
I had the rig running from my bench supply on four jumper wires. That is an invitation for disaster so in the next couple of days I will hard wire a PS plug for it. As soon as that is done I will post here and we will give it a whirl.
This is my defective old style 45 tube with the booggered filment. Wouldnt work on stock heater voltage at all. For fun since it was a freebee and no good I put it on a variable heater supply and it comes nicely to life a 5 volts. I know , bad me, but if the purists owned it it would be display only since it has zip at 2.5. If it dies it dies but has lasted a year like this so I am going for it. I have the newer 45s and have learned to put bayonet pins in them for the old twist sockets but the early tube looks so much better I just wanna run it till it croaks.
Anyway till qso time.
Don
>

7488. Re: [AWA Group] TNT on 40m with a loop.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-14 14:30:00 UTC
From: KG4KGL
Topic: 7469 Message: 7488

Don,

Are you in a position now for a QSO?

73,

Robert
KG4KGL

On Jan 14, 2013, at 9:20, "Don" <dulmagedon@...> wrote:

>
>
> --- In AWAGroup@yahoogroups.com, "Steve Flood" wrote:
> >
> > What is your plate current Don? Your wattmeter may need calibrated.
> >
> > The TNT is typically 30-35% efficiency on 40m. 4 watts output implies
> > around 12 watts input. With 270v, that implies 44mA plate current.
> >
> > I would guess something between 1 and 2 watts out for a 45 tube.
> >
> >
> >
> > 73, Steve KK7UV
> Could be. My meter is only relative. Any accuracy would be purely acccidental.
> I have measured the current (about a year ago in the old shack)but cant remember what it was. Anyway doesnt matter. A QSO is what matters.
> I had the rig running from my bench supply on four jumper wires. That is an invitation for disaster so in the next couple of days I will hard wire a PS plug for it. As soon as that is done I will post here and we will give it a whirl.
> This is my defective old style 45 tube with the booggered filment. Wouldnt work on stock heater voltage at all. For fun since it was a freebee and no good I put it on a variable heater supply and it comes nicely to life a 5 volts. I know , bad me, but if the purists owned it it would be display only since it has zip at 2.5. If it dies it dies but has lasted a year like this so I am going for it. I have the newer 45s and have learned to put bayonet pins in them for the old twist sockets but the early tube looks so much better I just wanna run it till it croaks.
> Anyway till qso time.
> Don
> >
>
>

7489. Re: [AWA Group] TNT on 40m with a loop.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-14 16:33:29 UTC
From: Don
Topic: 7469 Message: 7489

--- In AWAGroup@yahoogroups.com, "Don" wrote:
>
>
>
> --- In AWAGroup@yahoogroups.com, "Steve Flood" wrote:
> >
> > What is your plate current Don? Your wattmeter may need calibrated. Plate current with transmiter fully loaded into the loop .062Amps at 214 volts. Dont know where I got the 247 from except I put on my glasses today and used the digital. Got the permanent wiring done. Will try tonite at 7 if I am free. (ie no company)7110 more or less. Havent had a cw qso in almost a year so go gentle andpse dont expect perfection. I do the best I can.
Don Ve3LYX
Re volts. I am at the end of a power line in a rural area with a "vintage trasformer that has been patched and fixed by the power copmapny several times. My line voltage is sometimes not bad but often 110 or just less. I monitored it a couple of weeks ago and highest i saw was 112 but I have seen 118 from time to time as well. That can bother my PS volts too. I suspose it would not take a big variation in supply voltage to drop my secondary under load voltage from 247 to 214. But today that is not part of my agenda. Working ona 1 tube AM rig design.
Don Ve3LYX
> >
> > The TNT is typically 30-35% efficiency on 40m. 4 watts output implies
> > around 12 watts input. With 270v, that implies 44mA plate current.
> >
> > I would guess something between 1 and 2 watts out for a 45 tube.
> >
> >
> >
> > 73, Steve KK7UV
> Could be. My meter is only relative. Any accuracy would be purely acccidental.
> I have measured the current (about a year ago in the old shack)but cant remember what it was. Anyway doesnt matter. A QSO is what matters.
> I had the rig running from my bench supply on four jumper wires. That is an invitation for disaster so in the next couple of days I will hard wire a PS plug for it. As soon as that is done I will post here and we will give it a whirl.
> This is my defective old style 45 tube with the booggered filment. Wouldnt work on stock heater voltage at all. For fun since it was a freebee and no good I put it on a variable heater supply and it comes nicely to life a 5 volts. I know , bad me, but if the purists owned it it would be display only since it has zip at 2.5. If it dies it dies but has lasted a year like this so I am going for it. I have the newer 45s and have learned to put bayonet pins in them for the old twist sockets but the early tube looks so much better I just wanna run it till it croaks.
> Anyway till qso time.
> Don
> >

>

7490. Re: [AWA Group] TNT on 40m with a loop.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-14 20:28:16 UTC
From: Don
Topic: 7469 Message: 7490

--- In AWAGroup@yahoogroups.com, "Don" wrote:
>
>
>Ok I am wired up and tuned up in the 7110 area. In the interest of fairness and because I am curious I popped in one of my coke bottle 45s with the bayonet pin added. I made sure to cut the heater voltage back too. Interesting on the meter for what it is worth RF out improved about 20%. I cut back on heater voltage and even back to just dull orange. Power did not fall. So I concluded that the old 45 tube is pretty well pooched. So I will keep the oldie for looking at and run the coke bottle for qsos. Power is pretty good. Just for fun I popped it on a 350 volt supply. RF Power Meter went off scale. However on that supply there is not a decent provision for controlling heater voltage so I didnt risk cooking a tube. The other PS was built specifically for it and other early tubes requiring under 6.3 volts heater voltage.It has Dc heater supply with a heater control from an old 1920s radio I was given in busted condition. I put a round automotive 12 volt meter in the PS so I could keep an eye on Heater voltage. Also they are Chrome round and small (2 ") so have that early look.
I will be i the shack for an hour or so in about 5 minutes so will be listening for any Cw CQs. If I get my project going I will even try a Cq or so.I believe this rig has a bit of a sqwauck and perhaps a bit of HMMM on the dahs.
Don VE3LYX
> > >
> >
>

7491. Re: [AWA Group] TNT on 40m with a loop.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-15 00:45:07 UTC
From: Don
Topic: 7469 Message: 7491

--- In AWAGroup@yahoogroups.com, "Don" wrote:
>
>
>
> --- In AWAGroup@yahoogroups.com, "Don" wrote:
> >
> >
> >Ok I am wired up and tuned up in the 7110 area. In the interest of fairness and because I am curious I popped in one of my coke bottle 45s with the bayonet pin added. I made sure to cut the heater voltage back too. Interesting on the meter for what it is worth RF out improved about 20%. I cut back on heater voltage and even back to just dull orange. Power did not fall. So I concluded that the old 45 tube is pretty well pooched. So I will keep the oldie for looking at and run the coke bottle for qsos. Power is pretty good. Just for fun I popped it on a 350 volt supply. RF Power Meter went off scale. However on that supply there is not a decent provision for controlling heater voltage so I didnt risk cooking a tube. The other PS was built specifically for it and other early tubes requiring under 6.3 volts heater voltage.It has Dc heater supply with a heater control from an old 1920s radio I was given in busted condition. I put a round automotive 12 volt meter in the PS so I could keep an eye on Heater voltage. Also they are Chrome round and small (2 ") so have that early look.
> I will be i the shack for an hour or so in about 5 minutes so will be listening for any Cw CQs. If I get my project going I will even try a Cq or so.I believe this rig has a bit of a sqwauck and perhaps a bit of HMMM on the dahs.

> Don VE3LYX
> > > >I gave it a whirl at 7 pm as close to 7110 as I could. I have a machine following me around here sounds like teletype. I move and a couple of minutes later he is there. Bugging me again. Could be military as I am not far from a TX and receiving HF facilty. (about 5 miles) If they need to keep the freq available why dont they kust answer the QRL. they have a manual key.All they have to do when I send QRL is say yes or reply in some form. Even a long dah would give me a hint. Band was good but I had no joy. Rig seems to be working well. Maybe I will bring it upstairs for the weekend and put it on the inverted Vee rather then the ground mounted loop. However I am going to leave it set up for now and give it a shot anytime I am in the downstairs shack this week.
Don VE3LYX
> > >
> >
>

7492. Wanted 2 Pre Octal Tube Shields

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-15 03:27:01 UTC
From: Carl Nord WA1KPD
Topic: 7469 Message: 7492

Hi
Looking for two with top. Need not look exactly like this but would prefer this

Need to finish Lafayette 9 1935 rcvr restoration
Name price with shipping to CT

Tnx

Carl WA1KPD

7493. Re: [AWA Group] Wanted 2 Pre Octal Tube Shields

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-15 05:15:30 UTC
From: Roger Kuchera
Topic: 7469 Message: 7493

No Pix came through, just a box.

Roger.

--- On Mon, 1/14/13, Carl Nord WA1KPD <chnord@...> wrote:

From: Carl Nord WA1KPD <chnord@comcast.net>
Subject: [AWA Group] Wanted 2 Pre Octal Tube Shields
To: AWAGroup@yahoogroups.com
Date: Monday, January 14, 2013, 10:27 PM

#yiv1144215662 body {height:100%;color:#000000;font-size:12pt;font-family:Arial;}

Hi
Looking for two with top. Need not look exactly like this but would prefer this

Need to finish Lafayette 9 1935 rcvr restoration
Name price with shipping to CT

Tnx

Carl WA1KPD

7494. Re: Wanted 2 Pre Octal Tube Shields

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-15 12:43:09 UTC
From: Don
Topic: 7469 Message: 7494

--- In AWAGroup@yahoogroups.com, Carl Nord WA1KPD wrote:
>
> Hi
> Looking for two with top. Need not look exactly like this but would prefer this
>
> Need to finish Lafayette 9 1935 rcvr restoration
> Name price with shipping to CT
>
> Tnx
>
> Carl WA1KPD
>I have quite a few. From 1030s. I have the shields and the bottoms too. Several have the closed on tops with a hole 3/4 " or 1" hole and it is not right at the top. They were on 52 42 and 47 tubes.
You cover the shipping and they are yours. Email me and I will photograph them and we wil arrange.I can get them to NY state tomorrow I think as I have company coming from there so I hear. (my brother)
Don VE3LYX

7495. Tuned Up and Ready!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-15 20:14:17 UTC
From: Niel - W0VLZ
Topic: 7495 Message: 7495

I've spent the last few days getting my LC OT CW Contest station set up. This year I'm again using my 1934 style crystal controlled oscillator-buffer (47 to two 46s in parallel) <http://w0vlz.blogspot.com/search/label/1934%20transmitter> driving two TZ-20s in push-pull <http://w0vlz.blogspot.com/search/label/TZ-20%20RF%20Amp> . The receiver will be an HRO Sr.

With the shift in 40 mtr frequencies to 7100-7125 I did have to search around for a few crystals. Fortunately I found some on 7097 I could grind <http://w0vlz.blogspot.com/search/label/Grinding%20Transmitting%20Crysta\ ls> up.

See you tomorrow evening.

73,
Niel - W0VLZ
http://www.prismnet.com/~nielw/wa5vlz.htm

7496. On ~1802 KHz in a few minutes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-17 12:43:44 UTC
From: Larry Szendrei
Topic: 7496 Message: 7496

Linc Cundall enthusiasts,

Was dead tired last night so didn't get on for the LC.

However, will be firing up the type '59 tri-tet (in non-tri-tet, straight-through node) and SW-3 on about 1802 KHz in a few minutes. Listen for my mighty ~2W out.

73,
-Larry/NE1S

7497. AWA AM QSO Party 160M Frequencies?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-17 17:05:10 UTC
From: Don Buska - The Radio Lab Works
Topic: 7497 Message: 7497

Hi Folks,

Does anyone know what the suggested frequencies are for the 160M band in the upcoming AWA QSO Party? On the contest activities main page it indicates that 160M is now part of the AM QSO Party bands.

http://www.antiquewireless.org/pdf/AWA_2012-2013_Event_Schedule.pdf

However, if you click on the link to the specific rules for the AM QSO Party it only lists frequency ranges for 20M, 40M and 80M.

http://www.antiquewireless.org/pdf/amqso_rules.pdf

The Millen Society W1HRX will be one of the flagship stations again this year and our control station does have 160M capability. So if 160M was truly added I'd like place some activity on that band as well. Is anyone privy to the 160M frequency range?

Thanks

Don N9OO

--

7498. Re: [AWA Group] AWA AM QSO Party 160M Frequencies?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-17 19:44:10 UTC
From: Larry Szendrei
Topic: 7497 Message: 7498

On 1/17/13 12:05 PM, Don Buska - The Radio Lab Works wrote:
>
> Hi Folks,
>
> Does anyone know what the suggested frequencies are for the 160M band in
> the upcoming AWA QSO Party? On the contest activities main page it
> indicates that 160M is now part of the AM QSO Party bands.
>
> Hi Don,
> <http://www.antiquewireless.org/pdf/AWA_2012-2013_Event_Schedule.pdf>
>

I don't know of any "official" frequency or frequencies, but in past AWA
AM QSO parties we have had activity in 1880 - 1890 KHz part of the band.
Unless I hear anything different, that's where I'll be.

73,
-Larry/NE1S

7499. W6 AWA QSL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-17 20:02:23 UTC
From: Andy UU1CC
Topic: 7499 Message: 7499
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

7500. Re: Tuned Up and Ready!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-21 21:07:43 UTC
From: Niel - W0VLZ
Topic: 7495 Message: 7500

I'm reminded of the Feb/Mar 1958 covers of QST. The February cover shows our hero, ready for the contest, proudly standing in front of his station. By March and the end of the contest he's cold, haggard and huddled over the remains of his orderly shack. It has been a rough time.

Well, I did make six contacts before RF output went to zero...at least there wasn't any smoke and I didn't kill any tubes.

Read about it at http://w0vlz.blogspot.com/2013/01/awa-lc-cw-contest.html

73,
Niel - W0VLZ

--- In AWAGroup@yahoogroups.com, "Niel - W0VLZ" wrote:
>
> I've spent the last few days getting my LC OT CW Contest station set up.
> This year I'm again using my 1934 style crystal controlled
> oscillator-buffer (47 to two 46s in parallel)
> driving
> two TZ-20s in push-pull
> . The
> receiver will be an HRO Sr.
>
> With the shift in 40 mtr frequencies to 7100-7125 I did have to search
> around for a few crystals. Fortunately I found some on 7097 I could
> grind
>
ls> up.
>
> See you tomorrow evening.
>
> 73,
> Niel - W0VLZ
> http://www.prismnet.com/~nielw/wa5vlz.htm
>

7501. Re: [AWA Group] Re: Tuned Up and Ready!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-21 23:08:39 UTC
From: Roger Kuchera
Topic: 7495 Message: 7501

Hi Niel,
     I am happy I worked you during the LC. Your ionizer sounded pretty good.

CUL, Roger/K1TG

--- On Mon, 1/21/13, Niel - W0VLZ <w0vlz@...> wrote:

From: Niel - W0VLZ <w0vlz@...m>
Subject: [AWA Group] Re: Tuned Up and Ready!
To: AWAGroup@...m
Date: Monday, January 21, 2013, 4:07 PM

I'm reminded of the Feb/Mar 1958 covers of QST. The February cover shows our hero, ready for the contest, proudly standing in front of his station. By March and the end of the contest he's cold, haggard and huddled over the remains of his orderly shack. It has been a rough time.

Well, I did make six contacts before RF output went to zero...at least there wasn't any smoke and I didn't kill any tubes.

Read about it at http://w0vlz.blogspot.com/2013/01/awa-lc-cw-contest.html

73,
Niel - W0VLZ

--- In AWAGroup@yahoogroups.com, "Niel - W0VLZ" wrote:
>
> I've spent the last few days getting my LC OT CW Contest station set up.
> This year I'm again using my 1934 style crystal controlled
> oscillator-buffer (47 to two 46s in parallel)
>   driving
> two TZ-20s in push-pull
>   . The
> receiver will be an HRO Sr.
>
> With the shift in 40 mtr frequencies to 7100-7125 I did have to search
> around for a few crystals. Fortunately I found some on 7097 I could
> grind
>
  ls>   up.
>
> See you tomorrow evening.
>
> 73,
> Niel - W0VLZ
> http://www.prismnet.com/~nielw/wa5vlz.htm
>

Yahoo! Groups Links

7502. Re: [AWA Group] Re: Tuned Up and Ready!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-22 07:52:33 UTC
From: Louis Vermond
Topic: 7495 Message: 7502

Hello Niel,

Glad to have been one of them...and using your xtal to boot!

73, Lou
VE3AWA

Hi Niel,
I am happy I worked you during the LC. Your ionizer sounded pretty good.

CUL, Roger/K1TG

--- On Mon, 1/21/13, Niel - W0VLZ <w0vlz@...> wrote:

From: Niel - W0VLZ <w0vlz@...>
Subject: [AWA Group] Re: Tuned Up and Ready!
To: AWAGroup@yahoogroups.com
Date: Monday, January 21, 2013, 4:07 PM

I'm reminded of the Feb/Mar 1958 covers of QST. The February cover shows our hero, ready for the contest, proudly standing in front of his station. By March and the end of the contest he's cold, haggard and huddled over the remains of his orderly shack. It has been a rough time.

Well, I did make six contacts before RF output went to zero...at least there wasn't any smoke and I didn't kill any tubes.

Read about it at http://w0vlz.blogspot.com/2013/01/awa-lc-cw-contest.html

73,
Niel - W0VLZ

--- In AWAGroup@yahoogroups.com, "Niel - W0VLZ" wrote:
>
> I've spent the last few days getting my LC OT CW Contest station set up.
> This year I'm again using my 1934 style crystal controlled
> oscillator-buffer (47 to two 46s in parallel)
> driving
> two TZ-20s in push-pull
> . The
> receiver will be an HRO Sr.
>
> With the shift in 40 mtr frequencies to 7100-7125 I did have to search
> around for a few crystals. Fortunately I found some on 7097 I could
> grind
>
ls> up.
>

> See you tomorrow evening.
>
> 73,
> Niel - W0VLZ
> http://www.prismnet.com/~nielw/wa5vlz.htm
>

Yahoo! Groups Links

7503. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-24 14:28:24 UTC
From: Louis Vermond
Topic: 130 Message: 7503
Attachments: 1 described; binary payloads are missing from this source WARC

Lots of L & C

http://www.ebay.com/sch/robtram/m.html?item=271143713301&ViewItem=&ssPageName=ADME%3AB%3ASS%3AUS%3A1123&rt=nc&_trksid=p2047675.l2562

7504. Fwd: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-24 14:38:43 UTC
From: Eddy Swynar
Topic: 7504 Message: 7504
Attachments: 1 described; binary payloads are missing from this source WARC

Well...lotsa "L", anyway...!

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

> From: Louis Vermond <ldvermond@...>
> Date: January 24, 2013 9:28:24 AM EST
> To: "AWAGroup" <AWAGroup@yahoogroups.com>
> Subject: [AWA Group] eBay Alert
> Reply-To: AWAGroup@yahoogroups.com
>
>
> Lots of L & C
>
> http://www.ebay.com/sch/robtram/m.html?item=271143713301&ViewItem=&ssPageName=ADME%3AB%3ASS%3AUS%3A1123&rt=nc&_trksid=p2047675.l2562
>
>
>
>

7505. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-24 14:41:15 UTC
From: Louis Vermond
Topic: 130 Message: 7505
Attachments: 1 described; binary payloads are missing from this source WARC

Keep looking...
----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2013-01-24 9:38 AM
Subject: Fwd: [AWA Group] eBay Alert

Well...lotsa "L", anyway...!

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

From: Louis Vermond <ldvermond@...>

Date: January 24, 2013 9:28:24 AM EST

To: "AWAGroup" <AWAGroup@yahoogroups.com>

Subject: [AWA Group] eBay Alert

Reply-To: AWAGroup@yahoogroups.com

Lots of L & C

http://www.ebay.com/sch/robtram/m.html?item=271143713301&ViewItem=&ssPageName=ADME%3AB%3ASS%3AUS%3A1123&rt=nc&_trksid=p2047675.l2562

7506. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-24 14:43:32 UTC
From: Eddy Swynar
Topic: 130 Message: 7506

Oh.....

~73~ de Eddy VE3CUI - VE3XZ

On 2013-01-24, at 9:41 AM, Louis Vermond wrote:

>
> Keep looking...
> ----- Original Message -----
> From: Eddy Swynar
> To: AWAGroup@yahoogroups.com
> Sent: 2013-01-24 9:38 AM
> Subject: Fwd: [AWA Group] eBay Alert
>
> Well...lotsa "L", anyway...!
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
>
>
>
>
>
> Begin forwarded message:
>
>> From: Louis Vermond <ldvermond@...>
>> Date: January 24, 2013 9:28:24 AM EST
>> To: "AWAGroup" <AWAGroup@yahoogroups.com>
>> Subject: [AWA Group] eBay Alert
>> Reply-To: AWAGroup@yahoogroups.com
>>
>>
>>
>> Lots of L & C
>>
>> http://www.ebay.com/sch/robtram/m.html?item=271143713301&ViewItem=&ssPageName=ADME%3AB%3ASS%3AUS%3A1123&rt=nc&_trksid=p2047675.l2562
>>
>> <640925043_tp.jpg>
>>
>
>
>

7507. Cardwell Series S Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-25 20:09:53 UTC
From: Louis Vermond
Topic: 7507 Message: 7507
Attachments: 1 described; binary payloads are missing from this source WARC

Hello,

Does anyone have answers to these questions?

73, Lou

1. Was it ever offered in a Cardwell catalogue and what are its specs?
2. What transmitter or transmitters used it? (1927-1935?) It obviously was designed for extremely high voltages

7508. Re: [AWA Group] Cardwell Series S Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-25 22:05:16 UTC
From: Jon Delventhal
Topic: 7507 Message: 7508

I can't answer those questions, but I think Type S condensers were special order items. That particular model was mentioned in a 1928 QST article about (Cardwell) capacitors. It was a neutralizing condenser for a high-powered transmitter if I recall correctly.

I have a Type S of the same size but entirely different configuration: split stator, 150pf and 7500v per section. It has a cast aluminum frame of the same design except it says "Patent Applied For" on it instead. My one was also shown in that article.

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Cc: Joe Cro N3IBX <n3ibx@...>
Sent: Friday, January 25, 2013 2:09 PM
Subject: [AWA Group] Cardwell Series S Question

Hello,

Does anyone have answers to these
questions?

73, Lou

1. Was it ever offered in a Cardwell catalogue and what are its
specs?
2. What transmitter or transmitters used it? (1927-1935?) It
obviously
was designed for extremely high voltages

7509. Re: [AWA Group] Cardwell Series S Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-25 22:09:35 UTC
From: <ve7sl@...>
Topic: 7507 Message: 7509

>It was a neutralizing condenser for a high-powered transmitter if I recall
>correctly.

I agree...at such a small capacitance and such large HV spacing, it has to be a neutralizing cap for a very big final....either that or an early bread slicer.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7510. Re: [AWA Group] Cardwell Series S Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-25 23:10:23 UTC
From: Louis Vermond
Topic: 7507 Message: 7510

I can't answer those questions, but I think Type S condensers were special order items. That particular model was mentioned in a 1928 QST article about (Cardwell) capacitors. It was a neutralizing condenser for a high-powered transmitter if I recall correctly.

I have a Type S of the same size but entirely different configuration: split stator, 150pf and 7500v per section. It has a cast aluminum frame of the same design except it says "Patent Applied For" on it instead. My one was also shown in that article.

Jon

I agree...at such a small capacitance and such large HV spacing, it has to be a neutralizing cap for a very big final....either that or an early bread slicer.
Steve

Thank you both.

That was my guess...honest. Hal, KK6HY has the one shown and asked me those questions. I, of course, turned to those who know. (25 cents please)

Jon, which QST month please? I'll scan and send the information on to Hal.

Tks agn....

Lou

.

7511. Re: [AWA Group] Cardwell Series S Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-26 00:15:56 UTC
From: Jon Delventhal
Topic: 7507 Message: 7511
Attachments: 1 described; binary payloads are missing from this source WARC

March 1928.

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, January 25, 2013 5:10 PM
Subject: Re: [AWA Group] Cardwell Series S Question

□
I can't answer those questions, but
I think Type S condensers were special order items. That particular model was
mentioned in a 1928 QST article about (Cardwell) capacitors. It was a
neutralizing condenser for a high-powered transmitter if I recall
correctly.

I have a Type S of the same size but entirely different
configuration: split stator, 150pf and 7500v per section. It has a cast aluminum
frame of the same design except it says "Patent Applied For" on it instead. My
one was also shown in that article.

Jon

I agree...at such a small
capacitance and such large HV spacing, it has to be a neutralizing cap for a
very big final....either that or an early bread slicer.
Steve

Thank you both.

That was my guess...honest. Hal, KK6HY has the one
shown and asked me those questions. I, of course, turned to those who know. (25
cents please)

Jon, which QST month please? I'll scan and send
the information on to Hal.

Tks agn....

Lou

.

7512. Re: [AWA Group] Cardwell Series S Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-26 00:27:36 UTC
From: Louis Vermond
Topic: 7507 Message: 7512

Thank you, Jon. I'll pass it along.

73, Lou

----- Original Message -----
From: Jon Delventhal
To: AWAGroup@yahoogroups.com
Sent: 2013-01-25 7:15 PM
Subject: Re: [AWA Group] Cardwell Series S Question

March 1928.

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, January 25, 2013 5:10 PM
Subject: Re: [AWA Group] Cardwell Series S Question

☐
I can't answer those questions, but I think Type S condensers were special order items. That particular model was mentioned in a 1928 QST article about (Cardwell) capacitors. It was a neutralizing condenser for a high-powered transmitter if I recall correctly.

I have a Type S of the same size but entirely different configuration: split stator, 150pf and 7500v per section. It has a cast aluminum frame of the same design except it says "Patent Applied For" on it instead. My one was also shown in that article.

Jon

I agree...at such a small capacitance and such large HV spacing, it has to be a neutralizing cap for a very big final....either that or an early bread slicer.
Steve

Thank you both.

That was my guess...honest. Hal, KK6HY has the one shown and asked me those questions. I, of course, turned to those who know. (25 cents please)

Jon, which QST month please? I'll scan and send the information on to Hal.

Tks agn....

Lou

.

7513. REcvr with a pair of 01As

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-26 14:39:34 UTC
From: Don
Topic: 7513 Message: 7513

Been building a recvr with a pair of 01As this week. 1920s coil from attached to a huge 1920s capacitor. regen detecor resistace coupled to the 01a audio. No schematic. just cut and try design. A lot of fun. Last nite (11:15 PM) I got it going. Surprising volume. More then my 12sl7 regen. Is ok with an AC based supply for heaters. Hum is noticable but better then any other regen I have. So is the volume. Rig is totaly oblivious to hand capacity. Capacitor throttle regen. I currently have too much feedback so this afternoon I will steal a turn or two from the tickler. And of course like all regens if I bypass the plate resistor (take it from 67 volts to 90+), instant transmitter! tank circuit parts are huge. 3 inch coil and capacitor is about 6 inches accross.(1920s Harris radio) I tuned it for 40M only. If I can get the feedback sorted out to my satisfaction this is probably my best ever. Why so good with such old stuff? I am runnig on 90 volts B+ with regen detector cut back to 67 volts because that is how a regen works. It is just an oscillator that cant quite get going. I have buit several cw transceivers now so i know it is true. Now I need to see if I cut back voltage on my TNT and pop a set of phones in the B+ will that hear. Might not becuse of the low grdlk resistor value(5K ohms instead of 1 Megohm). Would a higher one hurt it? I dont know but will attempt to find out. The kicker is I built this for my older brother. He wanted all vintage parts. Now I wish it was mine to keep. Oh well "c'est la vie." fun project!
Don Ve3lyx

7514. Re: [AWA Group] REcvr with a pair of 01As

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-27 19:39:50 UTC
From: Larry Szendrei
Topic: 7513 Message: 7514

Hi Don,

Good to see you posting and building again. A few comments below.

On 1/26/13 9:39 AM, Don wrote:
>
> Been building a recvr with a pair of 01As this week. 1920s coil from
> attached to a huge 1920s capacitor. regen detecor resistace coupled to
> the 01a audio. No schematic. just cut and try design. A lot of fun.
> Last nite (11:15 PM) I got it going. Surprising volume. More then my
> 12sl7 regen. Is ok with an AC based supply for heaters. Hum is
> noticable but better then any other regen I have. So is the volume.
> Rig is totaly oblivious to hand capacity. Capacitor throttle regen. I
> currently have too much feedback so this afternoon I will steal a turn
> or two from the tickler. And of course like all regens if I bypass the
> plate resistor (take it from 67 volts to 90+), instant transmitter!
> tank circuit parts are huge. 3 inch coil and capacitor is about 6
> inches accross.(1920s Harris radio) I tuned it for 40M only. If I can
> get the feedback sorted out to my satisfaction this is probably my
> best ever. Why so good with such old stuff?
>
A lot of time lower-mu tubes work better in regens, as too much gain
makes things squirrelly. The '01 is a low-mu tube; the 12SL7 is hi-mu.
>
> I am runnig on 90 volts B+ with regen detector cut back to 67 volts
> because that is how a regen works. It is just an oscillator that cant
> quite get going. I have buit several cw transceivers now so i know it
> is true. Now I need to see if I cut back voltage on my TNT and pop a
> set of phones in the B+ will that hear. Might not becuse of the low
> grdlk resistor value(5K ohms instead of 1 Megohm). Would a higher one
> hurt it?
>
A megohm-order grid leak, while necessary for a grid-leak detector
(regenerative or not), will greatly reduce the oscillator output. You'll
also need to isolate the grid from the grid coil with a ~0.001uF mica
capacitor for it to function as a grid-leak detector. The capacitor
shouldn't affect the TNT circuit much as long as the grid-leak resistor
goes directly from grid to ground and not in series with the grid coil.
You'll probably have to figure out some way to switch a lower value
grid-leak in series for transmit - the way I would do it is to
permanently connect a ~2 megohm grid-leak from grid to ground, connect
your transmit-value grid-leak to one side of the grid, and the other end
of it to ground only on transmit, which will place the two resistors in
parallel on transmit.

The setting of the air-variable in the plate tuned circuit will affect regeneration. I was going to suggest it may function as a regeneration control, but that would change your transmit frequency. Probably be best to have a variable resistor on the plate supply for a regeneration control which is then shorted out on transmit.

>

> I dont know but will attempt to find out. The kicker is I built this
> for my older brother. He wanted all vintage parts. Now I wish it was
> mine to keep. Oh well "c'est la vie." fun project!
> Don Ve3lyx

>

Let us know how it works out! You can always build another if this one is going to your brother.

73,
-Larry/NE1S

7515. Re: [AWA Group] REcvr with a pair of 01As

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-27 22:42:54 UTC
From: Larry Szendrei
Topic: 7513 Message: 7515

On 1/27/13 2:39 PM, Larry Szendrei wrote:
>
> A megohm-order grid leak, while necessary for a grid-leak detector
> (regenerative or not), will greatly reduce the oscillator output.
> You'll also need to isolate the grid from the grid coil with a
> ~0.001uF mica capacitor for it to function as a grid-leak detector.
Oops - I had meant a 0.0001uF (100pF) mica capacitor.

Good hearing you on the AWA "Sunday PM AM net" this afternoon Don!

73,
-Larry/NE1S

7516. E-bay '38 Jones/Radio Handbook

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-28 01:40:55 UTC
From: ve7sl@...
Topic: 7516 Message: 7516

111003840457

7517. Re: [AWA Group] REcvr with a pair of 01As

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-28 02:50:29 UTC
From: Don
Topic: 7513 Message: 7517

--- In AWAGroup@yahoogroups.com, Larry Szendrei wrote:
>
> Hi Don,
>
> Good to see you posting and building again. A few comments below.
>
> On 1/26/13 9:39 AM, Don wrote:
> >
> > Been building a recvr with a pair of 01As this week. 1920s coil from
> > attached to a huge 1920s capacitor. regen detecor resistace coupled to
> > the 01a audio. No schematic. just cut and try design. A lot of fun.
> > Last nite (11:15 PM) I got it going. Surprising volume. More then my
> > 12sl7 regen. Is ok with an AC based supply for heaters. Hum is
> > noticable but better then any other regen I have. So is the volume.
> > Rig is totaly oblivious to hand capacity. Capacitor throttle regen. I
> > currently have too much feedback so this afternoon I will steal a turn
> > or two from the tickler. And of course like all regens if I bypass the
> > plate resistor (take it from 67 volts to 90+), instant transmitter!
> > tank circuit parts are huge. 3 inch coil and capacitor is about 6
> > inches accross.(1920s Harris radio) I tuned it for 40M only. If I can
> > get the feedback sorted out to my satisfaction this is probably my
> > best ever. Why so good with such old stuff?
> >
> A lot of time lower-mu tubes work better in regens, as too much gain
> makes things squirrelly. The '01 is a low-mu tube; the 12SL7 is hi-mu.
> >
> > I am runnig on 90 volts B+ with regen detector cut back to 67 volts
> > because that is how a regen works. It is just an oscillator that cant
> > quite get going. I have buit several cw transceivers now so i know it
> > is true. Now I need to see if I cut back voltage on my TNT and pop a
> > set of phones in the B+ will that hear. Might not becuse of the low
> > grdlk resistor value(5K ohms instead of 1 Megohm). Would a higher one
> > hurt it?
> >
> A megohm-order grid leak, while necessary for a grid-leak detector
> (regenerative or not), will greatly reduce the oscillator output. You'll
> also need to isolate the grid from the grid coil with a ~0.001uF mica
> capacitor for it to function as a grid-leak detector. The capacitor
> shouldn't affect the TNT circuit much as long as the grid-leak resistor
> goes directly from grid to ground and not in series with the grid coil.
> You'll probably have to figure out some way to switch a lower value
> grid-leak in series for transmit - the way I would do it is to
> permanently connect a ~2 megohm grid-leak from grid to ground, connect
> your transmit-value grid-leak to one side of the grid, and the other end
> of it to ground only on transmit, which will place the two resistors in

> parallel on transmit.
>
> The setting of the air-variable in the plate tuned circuit will affect
> regeneration. I was going to suggest it may function as a regeneration
> control, but that would change your transmit frequency. Probably be best
> to have a variable resistor on the plate supply for a regeneration
> control which is then shorted out on transmit.
> >
> > I dont know but will attempt to find out. The kicker is I built this
> > for my older brother. He wanted all vintage parts. Now I wish it was
> > mine to keep. Oh well "c'est la vie." fun project!
> > Don Ve3lyx
> >
> Let us know how it works out! You can always build another if this one
> is going to your brother.
>
> 73,
> -Larry/NE1S
Actually if it is a stable regen the freq doesnt change when you bypass the regen pot and accompaning resistor on transmit. I have built several regen transceivers now. One works so well I kept it and use it some most weeks. The TNT is probably not the best choice. The hartley is the easiest to do it with and if you make it a mopa which I did with that one the low output of the osc works in you favour as the oscillator is more stable and isolated from the antenna and such. On that rig I used the PA of the mOpa also for an audio PA . It is a neat little rig. Only about 6 iches cube maybe 7. If you tune the rx carefully using the PA tank as an antenna tuner it will be bang on when you switch to transmit. If you arent real careful the PA tank can pull the osc to bang on anyway with a slight adjustment but I have got so I can hit it bang on with no correction requred. It isnt a super dooper rig or anything but it does work and is practical at least. And it is cute besides.
Got the 01A rx for my brother finished. Hope he likes it. Told him he will have to buy his own phones.
Don VE3LYX
>

7518. Re: [AWA Group] REcvr with a pair of 01As

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-28 03:10:17 UTC
From: Don
Topic: 7513 Message: 7518

--- In AWAGroup@yahoogroups.com, Larry Szendrei wrote:
>
> On 1/27/13 2:39 PM, Larry Szendrei wrote:
> >
> > A megohm-order grid leak, while necessary for a grid-leak detector
> > (regenerative or not), will greatly reduce the oscillator output.
> > You'll also need to isolate the grid from the grid coil with a
> > ~0.001uF mica capacitor for it to function as a grid-leak detector.
> Oops - I had meant a 0.0001uF (100pF) mica capacitor.
>
> Good hearing you on the AWA "Sunday PM AM net" this afternoon Don!
>
> 73,
> -Larry/NE1S
I knew what you meant. I always have between a 100pfs and 220pfs (depending entirely on what I have in stock) for the grid connection anyway.I tend when am building to build the Dc power circuits first
establishing all proper voltages at the tube THEN I build the rf circuit and I think of them completley separate in my square little head.>Anytime I think an Rf circuit may have the potential for upsetting a dc circuit in goes a cap to make sure it doesnt have the oppourtunity to cause trouble.
It was wonderful to hear you this afternoon.I was surprised to say the least. Your rig has a real :PRESENCE" Sounded great! I was tuning around the band this afternoon and heard you folks. Switched on my VFO (HBrew 12ax7)and used Dx60's Tune mod to zero beat the signal. VFO wasnt completley warmed up so I hope you didnt have to chase me up band much. After about 20 minutes it is warm enuf to stay put.It BTW has a lower output then the crystal osc in the set but it works well and once I set the set up for running on it I actually see a few more RFs in the output. Was fun to build it and cost nothing.
Tomorrow I go back to getting the T19 ARC5 on AM. I already have moved it to 80M.
Anyway I hope to join in again next Sunday, nice bunch of folks there. Biggest round table I have checked into. What? 19 I think it was at one point.
Don Ve3LYX

7519. Twin 01A photo alb A.K.A. Funkmeister Dolmetsch Regen

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-28 15:11:32 UTC
From: Don
Topic: 7519 Message: 7519

http://groups.yahoo.com/group/AWAGroup/photos/album/1184894946/pic/list

Here it the finished radio just before pinstripping. Works pretty good. I am really surprised at the volume especially and the stabilty.
Normal tickler coil circuit. Tuned for 40M only. All parts 1931 or earlier. (I used a pot from a 1931 Grimes and a resistor as well. otherwise it is all 1920s. (I made the gridleak from new parts but housed it in wood to look like vintage and I didnt have a .01 vintage so I hid a newer punkin seed in a folded 1 inch square of butcher paper.)
Don VE3LYX

7520. Cathode modulating a 45 TNT?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-29 13:26:42 UTC
From: Don
Topic: 7520 Message: 7520

I have a good working 45 TNT. This week I have been building a cathode modulator (I know the hair splitters take offence at the term but that is where it plugs in so?)I am using the cicuit from the 1956 handbook (Simple Grid Modulator) I have a real nice bayonet socket for a 4 pin tube and so I was thinking of using a171A or the Canadian D132 or whatever it is since I have one and building a carbon mic electr-mechanical circuit which I have done before and trying to modulate the 45 with this set up. I know Cathode modulation was the norm in very early days of AM but i dont have any circuits from then. I doubt they used exotic tubes back then as you could chose from a triode or a triode.Anyone have any 1920s AM cathode modulation circuits? If not I am out in cut and try land again!
Don VE3LYX

7521. Re: [AWA Group] Cathode modulating a 45 TNT?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-29 13:57:49 UTC
From: Larry Szendrei
Topic: 7520 Message: 7521

On 1/29/13 8:26 AM, Don wrote:
>
> I have a good working 45 TNT. This week I have been building a cathode
> modulator (I know the hair splitters take offence at the term but that
> is where it plugs in so?)I am using the cicuit from the 1956 handbook
> (Simple Grid Modulator) I have a real nice bayonet socket for a 4 pin
> tube and so I was thinking of using a171A or the Canadian D132 or
> whatever it is since I have one and building a carbon mic
> electr-mechanical circuit which I have done before and trying to
> modulate the 45 with this set up. I know Cathode modulation was the
> norm in very early days of AM but i dont have any circuits from then.
> I doubt they used exotic tubes back then as you could chose from a
> triode or a triode.Anyone have any 1920s AM cathode modulation
> circuits? If not I am out in cut and try land again!
> Don VE3LYX
>

Hi Don,

Funny you should ask. Several years ago I used a pair of '45s in parallel in an attempt to cathode-modulate my PP TNT. Audio to grids, cathode self-bias (~900 ohms), and plates to PP TNT cathodes (filaments center-tap resistor). Good news: it "worked" and I made several QSOs. Bad news: the modulation was almost 100% FM - almost no AM. You had to slope-detect it on one side of the carrier or the other to hear recover any audio. Contrast this to plate modulation of my Hartley, where it is nearly 100% AM with minimal FM. I had used the same setup to modulate an 807 PA in the cathode lead (which in this case results in mostly grid modulation) and got good AM.

I'm not aware of any cathode modulation references from the 1920s, but that doesn't mean they don't exist. I do know that Frank Jones did a lot of experimenting with and advocating for the technique in the 1930s.

73,
-Larry/NE1S

7522. Re: [AWA Group] Cathode modulating a 45 TNT?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-29 14:50:51 UTC
From: Don
Topic: 7520 Message: 7522

--- In AWAGroup@yahoogroups.com, Larry Szendrei wrote:
>
> On 1/29/13 8:26 AM, Don wrote:
> >
> > I have a good working 45 TNT. This week I have been building a cathode
> > modulator (I know the hair splitters take offence at the term but that
> > is where it plugs in so?)I am using the cicuit from the 1956 handbook
> > (Simple Grid Modulator) I have a real nice bayonet socket for a 4 pin
> > tube and so I was thinking of using a171A or the Canadian D132 or
> > whatever it is since I have one and building a carbon mic
> > electr-mechanical circuit which I have done before and trying to
> > modulate the 45 with this set up. I know Cathode modulation was the
> > norm in very early days of AM but i dont have any circuits from then.
> > I doubt they used exotic tubes back then as you could chose from a
> > triode or a triode.Anyone have any 1920s AM cathode modulation
> > circuits? If not I am out in cut and try land again!
> > Don VE3LYX
> >
>
> Hi Don,
>
> Funny you should ask. Several years ago I used a pair of '45s in
> parallel in an attempt to cathode-modulate my PP TNT. Audio to grids,
> cathode self-bias (~900 ohms), and plates to PP TNT cathodes (filaments
> center-tap resistor). Good news: it "worked" and I made several QSOs.
> Bad news: the modulation was almost 100% FM - almost no AM. You had to
> slope-detect it on one side of the carrier or the other to hear recover
> any audio. Contrast this to plate modulation of my Hartley, where it is
> nearly 100% AM with minimal FM. I had used the same setup to modulate an
> 807 PA in the cathode lead (which in this case results in mostly grid
> modulation) and got good AM.
>
> I'm not aware of any cathode modulation references from the 1920s, but
> that doesn't mean they don't exist. I do know that Frank Jones did a lot
> of experimenting with and advocating for the technique in the 1930s.
>
> 73,
> -Larry/NE1S
Why do you think that happened with your TNT PP?
Maybe it was Phase modulating cause of the PP.
I have Franks 1940 book. I have read a lot of references to the use of cathode modulation of the old CW rigs through "the key hole" so to speak but have never see a circuit. You know Larry for the half day it takes to whip an experimental set up I may just try it. My big concern was would a single triode amp driven by a electron mech carbon mike circuit do it but then I realized my 40M Am trasanciever screen modulates with that circuit (1/2

12SN7) so there is at least hope. I have a hartley too. my little transceIver so i can plug it in there and try it too.
I also think and I might be all wet that the basic circuit I have built for the ARC 5 project from the 56 ARRL book would plate modulate A MODERATELY POWERED TX If I supplied a modulation transformer and B+ independant power. The cathode modulator steals its B power from the Tx cicuit as you know. This modulator has a 6sn7 speach amp and a 6v6 modulator. A 6bl7 and a 6l6 EH tallboy (good for 600 volts and I have had them at 740 till I turned chicken)would be a direct plug in and would upgrade robustness and perhaps power handling in a heartbeat. (And I have them in stock.) >Anyway I may give it a try like you did (after I get this arc 5 thing going.) I will try it on my 45 TNT and see If I get the same problem (FM) and then try it on the 56 tube Hartley and see. Thanks for the hinweiss.
Don VE3LYX

7523. Re: [AWA Group] Cathode modulating a 45 TNT?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-29 22:26:31 UTC
From: Don
Topic: 7520 Message: 7523

--- In AWAGroup@yahoogroups.com, "Don" wrote:
>
> I have the "simple grid modulator" finished. It survived the smoke test. I only had to fudge on 3 caps. Called for 8mfd 450v electlytcs and all I had were 20mfds. Everything else i had exact. Need to drag out the ARC5 now and try it. Meanwhile, back at the ranch I dragged out the TNT and started hooking it up to the PS. I also whipped up and experimental cathode modulator and have it wired in to the TNT. (just plugs in the key jack.) Plate gets power from north side of cathode supply and tube completes the curcuit to the cathode of the 45 thru the tube. A mic control the tube grid and heance the flow of b- to the 45.I may have oversimplified the circuit but had to try it. I found an old earphone single Brandes that I will try for my inital experiment. Probably just work into my Dummy load. If it works I will put it on 7160 tonite. I wouldnt hold my breath though. Silly idea perhaps but I have to try.
Don VE3LYX
>

7524. Re: [AWA Group] Cathode modulating a 45 TNT?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-29 23:34:21 UTC
From: Larry Szendrei
Topic: 7520 Message: 7524

On 1/29/13 5:26 PM, Don wrote:
>
>
>
> --- In AWAGroup@yahoogroups.com <mailto:AWAGroup%40yahoogroups.com>,
> "Don" wrote:
> >
> > I have the "simple grid modulator" finished. It survived the smoke
> test. I only had to fudge on 3 caps. Called for 8mfd 450v electlytcs
> and all I had were 20mfds. Everything else i had exact. Need to drag
> out the ARC5 now and try it.
>
Subbing 20mfd for 8 mfd is fine. Did you use one 6Y6 or a pair?

> Meanwhile, back at the ranch I dragged out the TNT and started hooking
> it up to the PS. I also whipped up and experimental cathode modulator
> and have it wired in to the TNT. (just plugs in the key jack.) Plate
> gets power from north side of cathode supply and tube completes the
> curcuit to the cathode of the 45 thru the tube. A mic control the tube
> grid and heance the flow of b- to the 45.I may have oversimplified the
> circuit but had to try it. I found an old earphone single Brandes that
> I will try for my inital experiment. Probably just work into my Dummy
> load. If it works I will put it on 7160 tonite. I wouldnt hold my
> breath though. Silly idea perhaps but I have to try.
>
You'll need to amplify the output of the headphone mic considerably
before applying to the grid of the 45, or you'll get essentially nothing.

73,
-Larry/NE1S

7525. Bruce Kelley 1929 QSO Party Emailed Log List

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-30 01:25:24 UTC
From: Whitebear1122
Topic: 7525 Message: 7525

Guys, I am tabulating the 29 QSO Party results and printed off all the emailed logs. Here is a list of emailed logs that I have:

NF1O, WB2QMY, WB9WHG, KK7UV, K4CHE, WA3FFC, VE3AWA, W0VLZ, VE7SL, KC1FB, N2OUV, K0HGP, W0LGU, K0KCY, W2LB, AA9DH, N1BUG, WB2AWQ, W3GMS,

I plan to go through the snail mailed logs this weekend and will email that list. If your name doesn't show up on either the emailed or mailed list, please email and let me know.

73, Scott WA9WFA

7526. Re: [AWA Group] Cathode modulating a 45 TNT?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-30 12:55:56 UTC
From: Don
Topic: 7520 Message: 7526

--- In AWAGroup@yahoogroups.com, Larry Szendrei wrote:
>
> On 1/29/13 5:26 PM, Don wrote:
> >
> >
> >
> > --- In AWAGroup@yahoogroups.com ,
> > "Don" wrote:
> > >
> > > I have the "simple grid modulator" finished. It survived the smoke
> > test. I only had to fudge on 3 caps. Called for 8mfd 450v electlytcs
> > and all I had were 20mfds. Everything else i had exact. Need to drag
> > out the ARC5 now and try it.
> >
> Subbing 20mfd for 8 mfd is fine. Did you use one 6Y6 or a pair?
>
> > Meanwhile, back at the ranch I dragged out the TNT and started hooking
> > it up to the PS. I also whipped up and experimental cathode modulator
> > and have it wired in to the TNT. (just plugs in the key jack.) Plate
> > gets power from north side of cathode supply and tube completes the
> > curcuit to the cathode of the 45 thru the tube. A mic control the tube
> > grid and heance the flow of b- to the 45.I may have oversimplified the
> > circuit but had to try it. I found an old earphone single Brandes that
> > I will try for my inital experiment. Probably just work into my Dummy
> > load. If it works I will put it on 7160 tonite. I wouldnt hold my
> > breath though. Silly idea perhaps but I have to try.
> >
> You'll need to amplify the output of the headphone mic considerably
> before applying to the grid of the 45, or you'll get essentially nothing.
:>) So I discovered! My strong suit is carbon mic circuits and I can whip one up in a heartbeat with clipleads.I also have another 4 pin socket and need be can whip up an 01A driver for the modulation tube. OR I could just hook my tape recorder output to it andplay by CQ tape. But that would be honest.
>
> 73,
> -Larry/NE1S
>

7527. What sort of coupler?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-31 16:11:54 UTC
From: Roger Kuchera
Topic: 7527 Message: 7527

GM Gentlemen,
During the recent Linc Cundall, I noticed an operational problem with my TX antenna coupler. I thought I might ask the members of our august body of experts, what sort of coupling they use for their vintage set ups.

Here is a brief description of my arrangement: Typically, I have a link coil wound around the cold end of the plate tank coil. In the case of 40 meters it is about 1.5 turns of #12 solid wire. From there I clip a roughly 3 foot piece of RG-58 to my T configuration coupler. From the coupler I use another short piece of RG-58 to the antenna switch. Tune up is standard; dip the PA plate current with no load and thereafter use the input cap of the coupler to maintain resonance. At the present time I use a 200 uuf variable on the input, a Johnson 28 uH rotary to ground and another 200 uuf variable in the output leg.

The problem I perceive is a very shallow plate current dip and a limited amount of loading control.

I wonder if anyone has any ideas or suggestions? I wonder if I should use a Collins (Pi) type coupler?

As always, my sincere thanks for the time and effort expended on]my question(s).

CUL, Roger/K1TG

7528. Re: [AWA Group] What sort of coupler?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-31 18:10:52 UTC
From: <ve7sl@...>
Topic: 7527 Message: 7528

Hello Roger - the procedure that I use on all of my homebrew transmitters, from '29 to tri-tet 10m oscillator is always the same. Directly from the link output via coax (always with a series C to tune the link) into the antenna tuner. With the tuner output switched to a 50 ohm load, the plate tuning in the transmitter is dipped (or tuned to operating frequency in the case of the '29 rigs) which usually always corresponds to a sudden peak in output. Once I see output, the output cap in the link is peaked for max out and then the final is tweaked again. I find this output cap in the link acts much the same as the output cap in a typical pi-network. The link cap is tweaked, along with the plate tuning back and forth, until output starts to drop off, indicating both controls have been optimized. The tuner is now switched to the antenna and the output controls of the tuner only are tweaked for minimum reflected power. Once '0' reflected power is indicated, the antenna load now represents the same load as the dummy load and things are ready to go. The plate tuning or output link tuning on the tx should not have to be touched at all during this last phase of tuning. At no time do I do any tuning with no load on the output...either the 50 ohm dummy load or the antenna. I use a Kenwood TS-230 tuner, the same as the one shown here:

http://pa1pxl.blogspot.ca/2010/11/nieuw-in-bezit-kenwood-at-230-new.html

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7529. Re: [AWA Group] What sort of coupler?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-31 20:28:48 UTC
From: Roger Kuchera
Topic: 7527 Message: 7529

Hi Steve,
I have partially tested a Collins/Pi coupler. So far it seems marginally better than the T I was using. At the present time I am using a 1.5 turn link fix coupled to the plate tank. In original tests that seemed to give the best results. I do not have a series cap in that link but maybe I should give it a try. With such a small inductance it is going to take a monster cap to tune it. I'm thinking maybe a 1000 uuf!

I forgot to mention, in my question, that the plate tank is shunt fed to keep DC off the tank and tuner. Further, I have a 2.5 mH choke across the output of the tuner. I believe that helps cut down the peak voltages plus it adds a safety factor.

Your help and suggestions are gratefully appreciated. BTW: I try to get on 40, up around 7.117, most nights. Give a listen you may hear my "ether ionizer." :) :)

CUL, Roger/K1TG

--- On Thu, 1/31/13, ve7sl@shaw.ca <ve7sl@...> wrote:

> From: ve7sl@... <ve7sl@...>
> Subject: Re: [AWA Group] What sort of coupler?
> To: AWAGroup@yahoogroups.com
> Date: Thursday, January 31, 2013, 1:10 PM
> Hello Roger - the procedure that I
> use on all of my homebrew transmitters,
> from '29 to tri-tet 10m oscillator is always the same.
> Directly from the
> link output via coax (always with a series C to tune the
> link) into the
> antenna tuner. With the tuner output switched to a 50 ohm
> load, the plate
> tuning in the transmitter is dipped (or tuned to operating
> frequency in the
> case of the '29 rigs) which usually always corresponds to a
> sudden peak in
> output. Once I see output, the output cap in the link is
> peaked for max out
> and then the final is tweaked again. I find this output cap
> in the link acts
> much the same as the output cap in a typical pi-network. The
> link cap is
> tweaked, along with the plate tuning back and forth, until
> output starts to
> drop off, indicating both controls have been optimized. The

> tuner is now
> switched to the antenna and the output controls of the tuner
> only are
> tweaked for minimum reflected power. Once '0' reflected
> power is indicated,
> the antenna load now represents the same load as the dummy
> load and things
> are ready to go. The plate tuning or output link tuning on
> the tx should not
> have to be touched at all during this last phase of tuning.
> At no time do I
> do any tuning with no load on the output...either the 50 ohm
> dummy load or
> the antenna. I use a Kenwood TS-230 tuner, the same as the
> one shown here:
>
> http://pa1pxl.blogspot.ca/2010/11/nieuw-in-bezit-kenwood-at-230-new.html
>
>
> Steve
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
>   AWAGroup-fullfeatured@yahoogroups.com
>
>

7530. Re: What sort of coupler?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-01-31 21:30:11 UTC
From: Niel - W0VLZ
Topic: 7527 Message: 7530

Roger,

I use a capacitor in series with the output coil link to load into a resonant/low impedance antenna system.

You can see examples at http://w0vlz.blogspot.com/2012/02/tz-20-amp-output-circuit.html http://w0vlz.blogspot.com/search/label/6J5-6L6%20Transmitter and http://www.prismnet.com/~nielw/tnt/tnt.htm With the exception of the push pull TNT, capacitor mounting is made easier by putting the cap between the link and ground. Tune up is the usual dip and load sort of routine we learned on pi networks.

There is actually a separate antenna tuner as part of my "resonant/low impedance antenna system". It is set up and left alone before I finalize the transmitter dip and load.

73,
Niel - W0VLZ

--- In AWAGroup@yahoogroups.com, Roger Kuchera wrote:
>
> GM Gentlemen,
> During the recent Linc Cundall, I noticed an operational problem
> with my TX antenna coupler. I thought I might ask the members of our
> august body of experts, what sort of coupling they use for their vintage
> set ups.
>
> snip <
>
> CUL, Roger/K1TG
>

7531. Re: What sort of coupler?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-01 00:50:37 UTC
From: Don
Topic: 7527 Message: 7531

--- In AWAGroup@yahoogroups.com, Roger Kuchera wrote:
>
> GM Gentlemen,
> During the recent Linc Cundall, I noticed an operational problem
> with my TX antenna coupler. I thought I might ask the members of our
> august body of experts, what sort of coupling they use for their vintage
> set ups.
>
> Here is a brief description of my arrangement: Typically, I have a
> link coil wound around the cold end of the plate tank coil. In the case
> of 40 meters it is about 1.5 turns of #12 solid wire. From there I clip
> a roughly 3 foot piece of RG-58 to my T configuration coupler. From the
> coupler I use another short piece of RG-58 to the antenna switch. Tune
> up is standard; dip the PA plate current with no load and thereafter
> use the input cap of the coupler to maintain resonance. At the present
> time I use a 200 uuf variable on the input, a Johnson 28 uH rotary to
> ground and another 200 uuf variable in the output leg.
>
> The problem I perceive is a very shallow plate current dip and a
> limited amount of loading control.
>
> I wonder if anyone has any ideas or suggestions? I wonder if I should
> use a Collins (Pi) type coupler?
>
> As always, my sincere thanks for the time and effort expended on]my question(s).
>
> CUL, Roger/K1TG
I use a 3 turn coil in the middle of my tank coil , over top. I discovered on a marginal power AM rig(250mw) this worked the best. When you have almost nothing you work hard to keep it and improve it. I have a Pi tuner I made. 13 taps with a 1000pfs to ground at either end and the forteenth postion switches the cross ground variable caps for the Pi, out and a series variable in of 1000ps also.To be honest have never had to use it (series) in real life. The Pi would do the job. I chucked all the rf meters as they are almost pointless. I use a lamp and have for years like Lou has in the above picture, stuck in my tuner. (same black wire even) Depending on my antenna I also have a small bulb with a hank of hook up wire quicky wound and clipped around my shortened vertical base load antenna or my loop. Meters will bounce and move but may not actually be measuring anything but stray RF. Even with a broken coax connection etc they bounce and move. A lamp never lies. No RF = no glow.(no tickey, no laundry deal)
I dont listen on the same antenna now. I use a beverage run down the rail fence by the house. It is 150 ft long and is QUIET!!!!!!. So quiet I thought at first it wasnt any good because when I hooked it up and there was no signal there was no noise either. 3/4 of the deal on QSO is hearing as well as being heard. The beverage hears what the dipole or inverted L or dual band inverted Vee never would. And with no noise. ((I mean it NO noise) In fact I made a couple of crystal sets to monitor my AM signalls but today reworked one to

tune a very broad spectrum and dismanteled the other. Just before coming on here I had just finished it up and clipped a set of Brandes Earphones on to it and hooked it to the beverage and ground. Swept the dial just for fun expecting nothing but I heard a faint signal.
Pulled a small RFC out of my junk drawer and cipped it north of the earphones. Signal was clearer (or cleaner) but no louder. Grabbed a 01 cap and clipped it in. Much better. Heard music, Some russian and some spanish. Never heard anything before on a HF crystal set other then my in same shack TX. Spent about 20 minutes playing with it. I know you were taliking about tx coupling and so was I but to hear is also great. I hadnt realized a beverage had the advantages it does.Too fast old too late smart I guess. Anyway that is how we couple here and how hear.
Don VE3LYX

7532. Two Questions

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 00:58:54 UTC
From: Louis Vermond
Topic: 7532 Message: 7532

GE,

Northern Electric #DX-235 & R-221 DX tubes. Use, filament & maximum plate voltage of each?

What are the 40 metre "CW windows"?

Thank you, Lou
VE3AWA

7533. TNT on AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 00:45:46 UTC
From: Don
Topic: 7533 Message: 7533

Been playing with cathode modulators. I built one for my ARC5 from the 56 ARRL book and tried it on the TNT but no joy. I got a circuit from Ben at ARC 5 for a carbon mic hi voltage transistor circuit. I have played around for hours on end with carbon mic electro mechanical circuits so I took his basic idea and built it for a D132 tube (similar to a 171A) (Cant have transistors around my tubes. T'aint right)Using a audio transformer and a 4.5 volt battery for the heater, a 02 cap and a 6.8K grid resistor I wired it all up on a chunk 2x4. I taped an old telephone carbon mic cartridge to a pencil and wired it into the audio transfomers low R side with a battery in series for the carbo mic.Hi R winding is connected to the .02 cap and the designated Cathode (/ heater) terminal
It actually works. Needs a level control even.It appears to be able to fully modulate the 45. That is my opinion anyway because you can talk normal and it sounds normal. If you talk too loud it cant handle it. I tried a different audio transformer tonite but went back to what I started with. I would like to try it with the full 5 volts on the tube heaters as I know that will open up the resting carrier level more by opening up the 45 more. My TNT is on 40M . tried it on air but 40M is not good tonight. MUF appears to be about 5.5 mcs tonite.
Don Ve3LYX

7534. AM QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 16:21:09 UTC
From: Eddy Swynar
Topic: 7534 Message: 7534

Hi Guys,

I hate flogging a dad horse like this, but is there any other known way to access the rules & a log sheet for the upcoming AWA AM QSO Party...?

This is about as far as I can get, before the header tells me, "SAFARI CAN'T OPEN THE SPECIFIED ADDRESS" (sigh!).

http://www.antiquewireless.org/pdf/AWA_2012-2013_Event_Schedule.pdf

Many thanks in advance...

~73~ de Eddy VE3CUI - VE3XZ

PS: Preliminary plans here call for the use of my HB superhet receiver, & a 1962 EF Johnson Viking II "CC" transmitter...

7535. amqso_rules

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 16:33:36 UTC
From: Louis Vermond
Topic: 7535 Message: 7535
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

7536. amqso_log

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 16:34:28 UTC
From: Louis Vermond
Topic: 7536 Message: 7536
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

7537. Re: [AWA Group] amqso_rules

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 16:41:43 UTC
From: Eddy Swynar
Topic: 7535 Message: 7537

On 2013-02-03, at 11:33 AM, Louis Vermond wrote:

> <amqso_rules.pdf>

Ah Lou...

My HERO, bar none---and on BOTH counts, too...!

Many thanks...

~73!~ de Eddy VE3CUI - VE3XZ

PS: Will you be on the air for this one, Lou...?

7538. Re: [AWA Group] AM QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 16:43:26 UTC
From: N1BUG
Topic: 7534 Message: 7538

Hi Eddy,

You could try this... but note it says 2013 at the top of the page
and 2009 under dates and times. Someone is just *slightly* behind on
editing the document.

http://www.antiquewireless.org/pdf/amqso_rules.pdf

http://www.antiquewireless.org/pdf/amqso_log.pdf

You might want to bookmark this one for future reference:

http://www.antiquewireless.org/pdf/

In general, all the contest rules and log sheets are in there, but
you have to dig carefully to be sure you get the right one. They
don't always clean out old files and appear to have no standard for
file naming... etc. etc. etc.... Note, for example there are
currently two different versions (years) of the Cundall files, under
different names.

73,
Paul

On 02/03/2013 11:21 AM, Eddy Swynar wrote:
>
>
> */Hi Guys,/*
>
> I hate flogging a dad horse like this, but is there any other known
> way to access the rules & a log sheet for the upcoming/AWA AM QSO
> Party...?/
>
> This is about as far as I can get, before the header tells me,
> */"SAFARI CAN'T OPEN THE SPECIFIED ADDRESS"/*/(sigh!)./
>
> http://www.antiquewireless.org/pdf/AWA_2012-2013_Event_Schedule.pdf
>
> Many thanks in advance...
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
> */
> /*
> *PS: *Preliminary plans here call for the use of my HB superhet
> receiver, & a 1962/EF Johnson Viking II "CC/" transmitter...

7539. PS: Will you be on the air for this one, Lou...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 17:00:05 UTC
From: Louis Vermond
Topic: 7539 Message: 7539

No AM here unless shouting into a tank coil counts....

7540. Early Development Of Radio In Canada, 1901-1930

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 17:16:29 UTC
From: Louis Vermond
Topic: 7540 Message: 7540

http://books.google.ca/books?id=QNJGAFkdY40C&pg=PA62&dq=DX-235+radio+tube&hl=en&sa=X&ei=I7MNUYL1Hu-CyAHNz4GIBw&ved=0CDcQ6AEwAA#v=onepage&q=DX-235%20radio%20tube&f=false

7541. Re: [AWA Group] AM QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 17:42:40 UTC
From: Eddy Swynar
Topic: 7534 Message: 7541

Hi Paul,

Many thanks...

~73!~ de Eddy VE3CUI - VE3XZ

PS: Do you have anything sporting the AM mode on it...? If so, will you be on...?

On 2013-02-03, at 11:43 AM, N1BUG wrote:

> Hi Eddy,
>
> You could try this... but note it says 2013 at the top of the page
> and 2009 under dates and times. Someone is just *slightly* behind on
> editing the document.
>
> http://www.antiquewireless.org/pdf/amqso_rules.pdf
>
> http://www.antiquewireless.org/pdf/amqso_log.pdf
>
> You might want to bookmark this one for future reference:
>
> http://www.antiquewireless.org/pdf/
>
> In general, all the contest rules and log sheets are in there, but
> you have to dig carefully to be sure you get the right one. They
> don't always clean out old files and appear to have no standard for
> file naming... etc. etc. etc.... Note, for example there are
> currently two different versions (years) of the Cundall files, under
> different names.
>
> 73,
> Paul
>
> On 02/03/2013 11:21 AM, Eddy Swynar wrote:
> >
> >
> > */Hi Guys,/*
> >
> > I hate flogging a dad horse like this, but is there any other known
> > way to access the rules & a log sheet for the upcoming/AWA AM QSO
> > Party...?/
> >
> > This is about as far as I can get, before the header tells me,
> > */"SAFARI CAN'T OPEN THE SPECIFIED ADDRESS"/*/(sigh!)./
> >

> > http://www.antiquewireless.org/pdf/AWA_2012-2013_Event_Schedule.pdf
> >
> > Many thanks in advance...
> >
> > */~73~ de Eddy VE3CUI - VE3XZ/*
> > */
> > /*
> > *PS: *Preliminary plans here call for the use of my HB superhet
> > receiver, & a 1962/EF Johnson Viking II "CC/" transmitter...
>
>

7542. antique ammeter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 18:37:18 UTC
From: barry whittemore
Topic: 7542 Message: 7542

i have an old pocket ammeter that i cant seem to find any info on. It is a 0-30A Seth W. Fuller Co. Boston MA.
The movement does not look like a DArsenval type movement, and instead looks like thermometer type.
although i found a bit of info on the company and pocket ammeters, i cant seem to find any info on this. does anyone know anything about this?
thanks
Barry
NF1O

7543. Re: PS: Will you be on the air for this one, Lou...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 19:00:36 UTC
From: Niel - W0VLZ
Topic: 7539 Message: 7543

Lou,

Actually this may work. FM/slope detection sounds a lot like AM.

Niel - W0VLZ

--- In AWAGroup@yahoogroups.com, Louis Vermond wrote:
>
> No AM here unless shouting into a tank coil counts....
>

7544. Re: [AWA Group] Re: PS: Will you be on the air for this one, Lou...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 19:09:34 UTC
From: Eddy Swynar
Topic: 7539 Message: 7544

On 2013-02-03, at 2:00 PM, Niel - W0VLZ wrote:

> Lou,
>
> Actually this may work. FM/slope detection sounds a lot like AM.
>
> Niel - W0VLZ
>
> --- In AWAGroup@yahoogroups.com, Louis Vermond wrote:
> >
> > No AM here unless shouting into a tank coil counts....
>
>

Hi Lou,

I'm rather surprised that you have nothing there with the AM mode on it...

Even contemporary rice rockets have it, & many actually sound pretty darn good on the air, too.

Remember, a vintage rig is NOT a requirement in this event!

~73~ de Eddy VE3CUI - VE3XZ

7545. Re: [AWA Group] PS: Will you be on the air for this one, Lou...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 19:28:45 UTC
From: Larry Szendrei
Topic: 7539 Message: 7545

On 2/3/13 12:00 PM, Louis Vermond wrote:
>
> No AM here unless shouting into a tank coil counts....
> _
Nope. That's FM, and on the low bands the deviation is too low to be
useful for QSOs :-)

73,
-Larry/NE1S

7546. Re: [AWA Group] antique ammeter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 19:51:42 UTC
From: Roger Kuchera
Topic: 7542 Message: 7546

Could it be a galvanometer type? They used to use these in car ammeters.

Roger/K1TG

--- On Sun, 2/3/13, barry whittemore <wb1edi@...> wrote:

From: barry whittemore <wb1edi@...>
Subject: [AWA Group] antique ammeter
To: "awa" <awagroup@yahoogroups.com>
Date: Sunday, February 3, 2013, 1:37 PM

i have an old pocket ammeter that i cant seem to find any info on. It is a 0-30A Seth W. Fuller Co. Boston MA.
The movement does not look like a DArsenval type movement, and instead looks like thermometer type.
although i found a bit of info on the company and pocket ammeters, i cant seem to find any info on this. does anyone know anything about this?
thanks
Barry
NF1O

7547. Re: [AWA Group] Re: PS: Will you be on the air for this one, Lou...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 20:02:01 UTC
From: Louis Vermond
Topic: 7539 Message: 7547

Actually this may work. FM/slope detection sounds a lot like AM.

Niel - W0VLZ

Tks Niel, I'll exercise my vocal cords for the Big Event.

Of course, if Certain Some One would send me that carbon mic I would be laughing.

73, Lou

7548. Re: [AWA Group] Re: PS: Will you be on the air for this one, Lou...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 20:11:08 UTC
From: Louis Vermond
Topic: 7539 Message: 7548

Even contemporary rice rockets have it, TS-530S does not.

7549. Re: [AWA Group] antique ammeter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 20:16:02 UTC
From: Leonard Meek
Topic: 7542 Message: 7549

They also used hot wire ammeters.
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: Sunday, February 03, 2013 9:51 AM
Subject: Re: [AWA Group] antique ammeter

Could it be a galvanometer type? They used to use these in car ammeters.

Roger/K1TG

--- On Sun, 2/3/13, barry whittemore <wb1edi@...m> wrote:

From: barry whittemore <wb1edi@...>
Subject: [AWA Group] antique ammeter
To: "awa" <awagroup@yahoogroups.com>
Date: Sunday, February 3, 2013, 1:37 PM

i have an old pocket ammeter that i cant seem to find any info on. It is a 0-30A Seth W. Fuller Co. Boston MA.
The movement does not look like a DArsenval type movement, and instead looks like thermometer type.
although i found a bit of info on the company and pocket ammeters, i cant seem to find any info on this. does anyone know anything about this?
thanks
Barry
NF1O

7550. Re: [AWA Group] PS: Will you be on the air for this one, Lou...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 20:17:14 UTC
From: Louis Vermond
Topic: 7539 Message: 7550

_
Nope. That's FM, and on the low bands the deviation is too low to be useful for QSOs :-)

:0(

7552. Re: [AWA Group] 1929 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 21:42:40 UTC
From: Leonard Meek
Topic: 7552 Message: 7552

That's a beautiful job, Steve. Makes me ashamed to post mine.

Leonard

7553. Re: [AWA Group] 1929 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 21:54:24 UTC
From: Roger Kuchera
Topic: 7552 Message: 7553
Attachments: 4 described; binary payloads are missing from this source WARC

Bravo! Ausgeziechnet!

Roger/K1TG

--- On Sun, 2/3/13, Steve Flood <kk7uv@...> wrote:

From: Steve Flood <kk7uv@...>
Subject: [AWA Group] 1929 Regen completed
To: awagroup@yahoogroups.com
Date: Sunday, February 3, 2013, 3:39 PM

The tube lineup is 222-201A-222-201A. The circuit is essentially the same as that in Hendricks' Feb. 1929 QST article with a few differences. I opted for a throttle capacitor regen control rather than a potentiometer. It is a smooth transition into oscillation. I omitted his tuned/untuned switching for the audio peaking filter. I plan to use this for CW only, and I have the peaking filter optimized for a 400 Hz note. The gray cylinder with the aluminum cap has a genuine Ford ignition coil secondary inside. Rather than a resistor on the RF amplifier grid, I used an RF choke and. After reading about optimal choke values versus resistor values in the period literature, I thought I'd mount a socket so I could use various plug-in inductances for each band. This basically makes the untuned RF amp stage into a quasi-fixed-tuned stage.

The tuning arrangement is a 12-20pF Pilot midget cap in parallel with a 180pF mica. With the 80m coil, I can tune 3500 – 3625kc. The Nat'l B-dial provides plenty of bandspread.

! I think I may run this in the next Kelley party!

Steve, KK7UV

7554. 29 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 21:40:24 UTC
From: Steve Flood
Topic: 7554 Message: 7554
Attachments: 4 described; binary payloads are missing from this source WARC

The tube lineup is 222-201A-222-201A. The circuit is essentially the same as that in Hendricks' Feb. 1929 QST article with a few differences. I opted for a throttle capacitor regen control rather than a potentiometer. It is a smooth transition into oscillation. I omitted his tuned/untuned switching for the audio peaking filter. I plan to use this for CW only, and I have the peaking filter optimized for a 400 Hz note. The gray cylinder with the aluminum cap has a genuine Ford ignition coil secondary inside. Rather than a resistor on the RF amplifier grid, I used an RF choke and. After reading about optimal choke values versus resistor values in the period literature, I thought I'd mount a socket so I could use various plug-in inductances for each band. This basically makes the untuned RF amp stage into a quasi-fixed-tuned stage.

The tuning arrangement is a 12-20pF Pilot midget cap in parallel with a 180pF mica. With the 80m coil, I can tune 3500 - 3625kc. The Nat'l B-dial provides plenty of bandspread.

I think I may run this in the next Kelley party!

Steve, KK7UV

7555. Re: [AWA Group] Re: PS: Will you be on the air for this one, Lou...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 22:03:08 UTC
From: Roger Kuchera
Topic: 7539 Message: 7555

Lou,
I should think an old speaker cone with voice coil inserted in the plate tank might work. Another possibility would be to use a metal funnel to amplify (Like Rudy Vallee?) your voice? Hello Radio.

Roger/K1TG

--- On Sun, 2/3/13, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] Re: PS: Will you be on the air for this one, Lou...?
To: AWAGroup@yahoogroups.com
Cc: "Joe Cro N3IBX" <n3ibx@...>
Date: Sunday, February 3, 2013, 3:02 PM

Actually this may work. FM/slope detection sounds a lot like AM.

Niel - W0VLZ

Tks Niel, I'll exercise my vocal cords for the Big Event.

Of course, if Certain Some One would send me that carbon mic I would be laughing.

73, Lou

7556. Re: [AWA Group] 1929 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 22:09:31 UTC
From: Larry Szendrei
Topic: 7552 Message: 7556

Awesome! You've outdone yourself, Steve.

73,
-Larry/NE1S

7557. Re: [AWA Group] 1929 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-03 23:51:50 UTC
From: Daniel Yoder
Topic: 7552 Message: 7557

You are really a craftsman, what a feeling of accomplishment you must have.
Thanks for sharing.

Dan

On Sun, Feb 3, 2013 at 5:09 PM, Larry Szendrei <ne1s@...> wrote:

> **
>
>
> Awesome! You've outdone yourself, Steve.
>
> 73,
> -Larry/NE1S
>
>

7558. Re: [AWA Group] 1929 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-04 13:48:39 UTC
From: Eddy Swynar
Topic: 7552 Message: 7558

Hi Steve,

In the words of the Frenchman, "...MONSIEUR, YOU ARE AN ARTISTE...!"

VERY nice job---congratulations...

~73~ de Eddy VE3CUI - VE3XZ

On 2013-02-03, at 3:39 PM, Steve Flood wrote:

>
> <image002.jpg><image004.jpg><image006.jpg><image008.jpg>
>
>
>
> The tube lineup is 222-201A-222-201A. The circuit is essentially the same as that in Hendricks' Feb. 1929 QST article with a few differences. I opted for a throttle capacitor regen control rather than a potentiometer. It is a smooth transition into oscillation. I omitted his tuned/untuned switching for the audio peaking filter. I plan to use this for CW only, and I have the peaking filter optimized for a 400 Hz note. The gray cylinder with the aluminum cap has a genuine Ford ignition coil secondary inside. Rather than a resistor on the RF amplifier grid, I used an RF choke and. After reading about optimal choke values versus resistor values in the period literature, I thought I'd mount a socket so I could use various plug-in inductances for each band. This basically makes the untuned RF amp stage into a quasi-fixed-tuned stage.
>
>
>
> The tuning arrangement is a 12-20pF Pilot midget cap in parallel with a 180pF mica. With the 80m coil, I can tune 3500 – 3625kc. The Nat'l B-dial provides plenty of bandspread.
>
>
>
> I think I may run this in the next Kelley party!
>
>
>
> Steve, KK7UV
>
>
>
>

7559. Re: [AWA Group] AM QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-04 14:12:23 UTC
From: N1BUG
Topic: 7534 Message: 7559

Hi Eddy,

My FT-2Krap (FT-2000) is the only thing I have with AM... but I
won't be on, sorry!

73,
Paul

On 02/03/2013 12:42 PM, Eddy Swynar wrote:
>
>
> */Hi Paul,/*
>
> Many thanks...
>
> */~73!~ de Eddy VE3CUI - VE3XZ/*
>
> *PS: *Do you have anything sporting the AM mode on it...? If so,
> will you be on...?

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

7560. TNT on Utube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-04 21:43:08 UTC
From: Louis Vermond
Topic: 7560 Message: 7560

New one to me....

http://www.youtube.com/watch?v=V5Qkk2c4m9E

Op KJ4RGH

7561. RE: [AWA Group] antique ammeter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-04 23:23:36 UTC
From: barry whittemore
Topic: 7542 Message: 7561

thanks guys, it looks like it is that type. it looks like a pocket watch.
73
barry

To: AWAGroup@yahoogroups.com
From: lemeek@...
Date: Sun, 3 Feb 2013 10:16:02 -1000
Subject: Re: [AWA Group] antique ammeter

They also used hot wire ammeters.

----- Original Message -----
From:
Roger Kuchera

To: AWAGroup@yahoogroups.com
Sent: Sunday, February 03, 2013 9:51
AM
Subject: Re: [AWA Group] antique
ammeter

Could it be a galvanometer type? They used to use these in car
ammeters.

Roger/K1TG

--- On Sun, 2/3/13, barry whittemore <wb1edi@...>
wrote:

From:
barry whittemore <wb1edi@...>
Subject:
[AWA Group] antique ammeter
To: "awa" <awagroup@yahoogroups.com>
Date:
Sunday, February 3, 2013, 1:37 PM

i have an old pocket ammeter that i cant seem to find any
info on. It is a 0-30A Seth W. Fuller Co. Boston
MA.
The movement does not look like a DArsenval type movement, and
instead looks like thermometer type.
although i found a bit
of info on the company and pocket ammeters, i cant seem to find any
info on this. does anyone know anything about
this?
thanks

Barry
NF1O

7562. Re: [AWA Group] AM QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-05 13:57:34 UTC
From: Don
Topic: 7534 Message: 7562

--- In AWAGroup@yahoogroups.com, Eddy Swynar wrote:
>
> Hi Paul,
>
> Many thanks...
>
> ~73!~ de Eddy VE3CUI - VE3XZ
>
> PS: Do you have anything sporting the AM mode on it...? If so, will you be on...?
>
>
>
>
>
>
> On 2013-02-03, at 11:43 AM, N1BUG wrote:
>
> > Hi Eddy,
> >
> > You could try this... but note it says 2013 at the top of the page
> > and 2009 under dates and times. Someone is just *slightly* behind on
> > editing the document.
> >
> > http://www.antiquewireless.org/pdf/amqso_rules.pdf
> >
> > http://www.antiquewireless.org/pdf/amqso_log.pdf
> >
> > You might want to bookmark this one for future reference:
> >
> > http://www.antiquewireless.org/pdf/
> >
> > In general, all the contest rules and log sheets are in there, but
> > you have to dig carefully to be sure you get the right one. They
> > don't always clean out old files and appear to have no standard for
> > file naming... etc. etc. etc.... Note, for example there are
> > currently two different versions (years) of the Cundall files, under
> > different names.
> >
> > 73,
> > Paul
> >
> > On 02/03/2013 11:21 AM, Eddy Swynar wrote:
> > >
> > >
> > > */Hi Guys,/*

> > >
> > > I hate flogging a dad horse like this, but is there any other known
> > > way to access the rules & a log sheet for the upcoming/AWA AM QSO
> > > Party...?/
> > >
> > > This is about as far as I can get, before the header tells me,
> > > */"SAFARI CAN'T OPEN THE SPECIFIED ADDRESS"/*/(sigh!)./
> > >
> > > http://www.antiquewireless.org/pdf/AWA_2012-2013_Event_Schedule.pdf
> > >
> > > Many thanks in advance...
> > >
> > > */~73~ de Eddy VE3CUI - VE3XZ/*
> > > */
> > > /*
> > > *PS: *Preliminary plans here call for the use of my HB superhet
> > > receiver, & a 1962/EF Johnson Viking II "CC/" transmitter...

I'll be on with my AM TNT. It works pretty good, clean sound. I am going to bring it upstairs and put it on the big antenna, the dual band inverted Vee.(Same one we used for the CW QSOs) The TNT tunes the lower part of 40M well. I checked this week to make sure I can get well into the US portion of the 40M phone band. The cathode modulator despite its apparent simplicity seems to favour it. Working this week on an independant 5 volt supply for the modulator because of the interacion between heaters and cathode circuit is unavoidable otherwise and kills the success of the project.I am running a 5 volt tube at below 4 volts and it still works so I am optimistic it will behave at full voltage and produce much higher resting carrier just like it would produce more volume if it were an audio amp(being a directly heated tube.) Changing another "CW rig only" to cathode modulation this morning. It is an indirectly heated tube. We will see if it responds similariy or if the TNT thing is just a happy accident.(Made up a schematic)I am up, by the way, to a TNT to TNT AM contact. Can I slope tune on a regen? Seems to me you can. I will be listening on one of my regens and will have a old rx nearby for back up. I should be good for 10 minutes or so with my current battery set up. Am looking for a reasonably priced 6 volt gel. (cheep cheep cheeep)
Don VE3LYX
> >
> >
>

7563. Re: TNT on Utube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 00:17:39 UTC
From: chris_props
Topic: 7560 Message: 7563

Hello everyone,

I just joined up here after receiving emails from Lou VE3AWA and Bill K4JYS about my TNT video. I've been playing with tube radios about 16 years and got into ham radio about 3 years ago. I built that TNT about two years ago and it is still waiting to be put on the air along with a few boatanchors and other old equipment. I've been working on a ham shack and almost have it done. It just needs the power to be hooked up, and an antenna. That may have to wait until warmer weather.

There is some nice looking homebrew equipment in the galleries. I added a pic of my TNT setup.

73
Chris
KJ4RGH

--- In AWAGroup@yahoogroups.com, Louis Vermond wrote:
>
> New one to me....
>
> http://www.youtube.com/watch?v=V5Qkk2c4m9E
>
> Op KJ4RGH
>

7564. Re: [AWA Group] Re: TNT on Utube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 00:28:41 UTC
From: Larry Szendrei
Topic: 7560 Message: 7564

On 2/5/13 7:17 PM, chris_props wrote:
>
>
>
> Hello everyone,
>
> I just joined up here after receiving emails from Lou VE3AWA and Bill
> K4JYS about my TNT video. I've been playing with tube radios about 16
> years and got into ham radio about 3 years ago. I built that TNT about
> two years ago and it is still waiting to be put on the air along with
> a few boatanchors and other old equipment. I've been working on a ham
> shack and almost have it done. It just needs the power to be hooked
> up, and an antenna. That may have to wait until warmer weather.
>
> There is some nice looking homebrew equipment in the galleries. I
> added a pic of my TNT setup.
>
Great job on the TNT, Chris. Enjoyed your video! Make sure you join us
in the 1929 Bruce Kelley QSO Party next fall, but there's no need to
wait until then to start having fun on the air with the TNT.

73,
-Larry/NE1S

7565. Modulating a TNT

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 00:41:51 UTC
From: Don
Topic: 7565 Message: 7565

I have been working on my TNT quite a bit. I have it pretty stable and am happy about that. Tuning is a bit touchy. Maybe a tiny variable cap in parallel would help. However I have it on AM. Not a little squawky deal but deep rich voice, almost too deep. I used a single tube cathode modulator which I built from an idea Ben at the ARC5 site gave me but in solid state form. I used a DX235 tube (I kept calling it a D132 from my weak memory but just pulled it and looked in a good light DX235) My apologies for my stupidity. I should have looked in the first place.
I used a audio output ransformer, a battery, the DX235 tube a ancient .02 cap, a 2.7K resistor and a telephone carbon mic. As I had said before I started with an interstage audio transformer but today I sorted through several Audio transformers hooking them up in the circuit with a digital meter (on AC) on the output and saying "Jawohl" into the mic. One in particular was very good. 18 volts AC on a sharp diction. Some were as low as 4 volts. (One I first used) Also today I was at CTC and they had 6 volt rechargable lights for sale for 24.88. Said it had a 4.5 AH 6 volt battery so I bought it. Surenuf it does. A beautiful little lead acid gel cell buried deep inside and a charger supplied to boot. I liberated it and used it to power the DX235 knowing full well that it can easily live with 6 volts for a test as back in the day folks used their car batteries(6 volt) to run the heaters in their radios. And you just KNOW Granny occasionally had those old tubes at 6 volts instead of 5 with no ill affects. Tomorrow I will build a resistor of sorts to cut it back a bit for safety BUT I had been testing it on a 4.5 volt battery that couldnt make hardly 4 volts under load so my resting carrier was low. Well no more! She perked right up and is working strong. Tonight it was working sowell after all this I hooked it up and called CQ on 7194. No one there but it sounded great on the RX at the other end of the house. This circuit is pretty simple and that may be a problem for some (how could anything that simple work?) but it works and works well. Modulation is for the lack of a better word "FULL". If anyone is interested I will share my schematic by Email. Meanwhile I will be working to get a contact from the downstairs shack. For the AWA AM QSO deal I am bringing it up stairs with the big boys.
Don VE3LYX

7566. AWA Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 16:07:26 UTC
From: Bill Stewart
Topic: 6090 Message: 7566

Morning,

The last Journal I received was for Oct 2012 (Vol 53/#4). Has there been one since. Was thinking there should have been one for Jan 2013. Have I missed an issue? If so, from whom should I request a replacement?

Thanks, 73 de Bill K4JYS

7567. Re: [AWA Group] Modulating a TNT

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 16:34:44 UTC
From: Larry Szendrei
Topic: 7565 Message: 7567

On 2/5/13 7:41 PM, Don wrote:
>
> This circuit is pretty simple and that may be a problem for some (how
> could anything that simple work?) but it works and works well.
> Modulation is for the lack of a better word "FULL". If anyone is
> interested I will share my schematic by Email.
>
Don, I would very much like to take a look at your circuit. Please send
it to me by private Email, or even consider posting it to the group.

> Meanwhile I will be working to get a contact from the downstairs
> shack. For the AWA AM QSO deal I am bringing it up stairs with the big
> boys.
>
I'd like to hear it. Maybe we can sked some morning fairly early on 40M AM.

73,
-Larry/NE1S

7568. Re: [AWA Group] 29 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 17:13:38 UTC
From: N1BUG
Topic: 7554 Message: 7568

Incredible work as always, Steve!

73,
Paul

7569. Re: [AWA Group] AWA Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 17:15:09 UTC
From: N1BUG
Topic: 6090 Message: 7569

Nothing since October here, either...

73,
Paul

On 02/06/2013 11:07 AM, Bill Stewart wrote:
>
>
> Morning,
>
> The last Journal I received was for Oct 2012 (Vol 53/#4). Has there
> been one since. Was thinking there should have been one for Jan
> 2013. Have I missed an issue? If so, from whom should I request a
> replacement?
>
> Thanks, 73 de Bill K4JYS

7570. Re: [AWA Group] AWA Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 17:24:47 UTC
From: Larry Szendrei
Topic: 6090 Message: 7570

On 2/6/13 12:15 PM, N1BUG wrote:
>
> Nothing since October here, either...
>
> 73,
> Paul
>
Same here...

7571. Re: [AWA Group] AWA Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 17:48:13 UTC
From: Edward Gable
Topic: 6090 Message: 7571

Bill, look inside the first page of any issue. There, for membership questions, it tells you to email "awamembership <at> rochester <dot> rr <dot> com. /Ed

----- Original Message -----
From: Bill Stewart
To: AWA Group
Sent: Wednesday, February 06, 2013 11:07 AM
Subject: [AWA Group] AWA Journal

Morning,

The last Journal I received was for Oct 2012 (Vol 53/#4). Has there been one since. Was thinking there should have been one for Jan 2013. Have I missed an issue? If so, from whom should I request a replacement?

Thanks, 73 de Bill K4JYS

7572. Re: [AWA Group] AWA Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 19:10:20 UTC
From: Eddy Swynar
Topic: 6090 Message: 7572

Hi Guys,

My latest-and-greatest AWA JOURNAL arrived here in yesterday's mail...

Three cheers for THE GREAT WHITE NORTH! (Sgt. Preston & the Royal Canadian dog sled team made it through yet again...!).

~73~ de Eddy VE3CUI - VE3XZ

On 2013-02-06, at 11:07 AM, Bill Stewart wrote:

>
> Morning,
>
> The last Journal I received was for Oct 2012 (Vol 53/#4). Has there been one since. Was thinking there should have been one for Jan 2013. Have I missed an issue? If so, from whom should I request a replacement?
>
> Thanks, 73 de Bill K4JYS
>
>
>
>

7573. Re: [AWA Group] Modulating a TNT

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 19:55:55 UTC
From: Don
Topic: 7565 Message: 7573

--- In AWAGroup@yahoogroups.com, Larry Szendrei wrote:
>
> On 2/5/13 7:41 PM, Don wrote:
> >
> > This circuit is pretty simple and that may be a problem for some (how
> > could anything that simple work?) but it works and works well.
> > Modulation is for the lack of a better word "FULL". If anyone is
> > interested I will share my schematic by Email.
> >
> Don, I would very much like to take a look at your circuit. Please send
> it to me by private Email, or even consider posting it to the group.
>
> > Meanwhile I will be working to get a contact from the downstairs
> > shack. For the AWA AM QSO deal I am bringing it up stairs with the big
> > boys.
> >
> I'd like to hear it. Maybe we can sked some morning fairly early on 40M AM.
>
> 73,
> -Larry/NE1S
Would be fun. Early morning before it gets busy.
Don Ve3LYX
>

7574. Re: [AWA Group] AWA Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 20:06:07 UTC
From: Bill Stewart
Topic: 6090 Message: 7574

Eddy, Your dogs are faster than the pony express down south...tnx for the letting us know its on the way...73 de Bill K4JYS

----- Original Message -----

Hi Guys,

My latest-and-greatest AWA JOURNAL arrived here in yesterday's mail...

Three cheers for THE GREAT WHITE NORTH! (Sgt. Preston & the Royal Canadian dog sled team made it through yet again...!).

~73~ de Eddy VE3CUI - VE3XZ

On 2013-02-06, at 11:07 AM, Bill Stewart wrote:

Morning,

The last Journal I received was for Oct 2012 (Vol 53/#4). Has there been one since. Was thinking there should have been one for Jan 2013. Have I missed an issue? If so, from whom should I request a replacement?

Thanks, 73 de Bill K4JYS

7575. Re: [AWA Group] AWA Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 20:07:36 UTC
From: Bill Stewart
Topic: 6090 Message: 7575

Tnx Ed, for the directions...maybe its on the way..Bill

----- Original Message -----

□
Bill, look inside the first page of any issue. There, for membership questions, it tells you to email "awamembership <at> rochester <dot> rr <dot> com. /Ed

----- Original Message -----
From: Bill Stewart
To: AWA Group
Sent: Wednesday, February 06, 2013 11:07 AM
Subject: [AWA Group] AWA Journal

Morning,

The last Journal I received was for Oct 2012 (Vol 53/#4). Has there been one since. Was thinking there should have been one for Jan 2013. Have I missed an issue? If so, from whom should I request a replacement?

Thanks, 73 de Bill K4JYS

7576. Fw: National RIO

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-06 20:39:26 UTC
From: Louis Vermond
Topic: 7576 Message: 7576
Attachments: 14 described; binary payloads are missing from this source WARC

Lou, Do you know anybody with an AGS? It would be interesting to compare tags. -Rich KC9GQ

I took some shots of my 'mystery' National RIO yesterday. It seems to be a companion to the AGS for LF reception. The tag claims it is an "Intermediate Frequency Receiver", which I take to mean that it is a stand-alone receiver for that part of the spectrum rather than an early Q-5'er. I did learn one thing - there is info hand-written on the RH plate that might just provide some important clues. I will remove it and take a closer look.

It is interesting that the power supply appears to have been contracted to a NY company.

73, Rich

7577. RE: [JMS] AWA AM QSO Party - W1HRX - THIS UPCOMING WEEKEND

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-07 00:00:31 UTC
From: JAMES HANLON
Topic: 7577 Message: 7577

Y'all,

There are two overlapping AM Phone events this weekend, the AWA AM QSO Party and the Phone section of the Classic Exchange. You are likely to run across stations working both events, and you certainly can count your contacts in both of them.

The Classic Exchange information is at http://www.classicexchange.org/ , click on January 2013 CX Announcement. You will see that the CX rules are a bit different, in particular the same station may be worked more than once on each band with different equipment, either on your end of the QSO or on his end. The CX recommended center frequencies are 1885, 3870,7290, 14286, 21240, and 29000 kHz. The 75, 40 and 20 meter frequencies are within the AWA recommended segments, so there should be a good opportunity for AWA stations to make contacts with CX stations. There will also be CX activity with vintage SSB equipment centered at 3895, 7280, and 14270. There is often CX AM activity on 14270 as well, so tune down that far for potential AWA contacts.

The CX hours are 1400 UTC, 9 a.m. EST on Sunday to 0800 UTC, 3 a.m. EST on Monday.

Hope to work you on both events, 73,

Jim Hanlon, W8KGI

> Date: Mon, 4 Feb 2013 19:35:09 -0600
> From: don@...
> To: james_millen_society@...
> Subject: [JMS] AWA AM QSO Party - W1HRX - THIS UPCOMING WEEKEND
>
> Next weekend is the AWA AM QSO Party and as has been the case since the
> first Party W1HRX will again be a flagship station.
>
> This year W1HRX returns to 1-land with Bill K1BF hosting as control
> operator from his shack in Maine. Bill will be assisted by Jim, KB1MCV
> and as a result W1HRX may be multiband and multioperator. Yet another
> first if it works out and we can hear W1HRX simultaneously on two bands.
> Bill will be fully high power Millen/National on 75 meters, an ART-13
> will provide RF on 40 meters and a Ranger w/amplifier will do duties on
> 20 meters.
>
> This is an open operating event and anyone can participate. Thus AWA
> membership is not required! For rules see:
>
> http://www.antiquewireless.org/pdf/amqso_rules.pdf
>
> Please note they have the wrong year on the event date within the rules
> text. The days are correct though. It goes from 6PM EST Saturday
> afternoon for a 24 hour period (6PM EST Sunday).

>
> I will be on with my Millen setup both days.
>
> Last, I want to thank those who offered to operate W1HRX this year.
> This will be the first time Bill operates W1HRX and in an effort to
> expand the use and opportunity I decided to return the call back to the
> 1-land this time around. I'm sure the last time it was used in New
> England was when James Millen QSO'ed from his Massachusetts hilltop
> station.
>
> I hope to work my fellow JMS members this weekend. Millen-to-Millen!
>
> 73
>
> Don N9OO
>
> _____
> James_Millen_Society mailing list
> Home: http://mailman.qth.net/mailman/listinfo/james_millen_society
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:James_Millen_Society@mailman.qth.net
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html

7578. Re: [JMS] AWA AM QSO Party - W1HRX - THIS UPCOMING WEEKEND

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-07 03:58:17 UTC
From: Don Buska - The Radio Lab Works
Topic: 7577 Message: 7578

Excellent Jim -Thanks for the heads-up. I printed out the CX rules
and will make sure to look for the contacts as well.

73

Don N9OO

On 2/6/2013 6:00 PM, JAMES HANLON wrote:
> Y'all,
>
> There are two overlapping AM Phone events this weekend, the AWA AM QSO
> Party and the Phone section of the Classic Exchange. You are likely
> to run across stations working both events, and you certainly can
> count your contacts in both of them.
>
> The Classic Exchange information is at http://www.classicexchange.org/
> , click on January 2013 CX Announcement. You will see that the CX
> rules are a bit different, in particular the same station may be
> worked more than once on each band with different equipment, either on
> your end of the QSO or on his end. The CX recommended center
> frequencies are 1885, 3870,7290, 14286, 21240, and 29000 kHz. The 75,
> 40 and 20 meter frequencies are within the AWA recommended segments,
> so there should be a good opportunity for AWA stations to make
> contacts with CX stations. There will also be CX activity with
> vintage SSB equipment centered at 3895, 7280, and 14270. There is
> often CX AM activity on 14270 as well, so tune down that far for
> potential AWA contacts.
>
> The CX hours are 1400 UTC, 9 a.m. EST on Sunday to 0800 UTC, 3 a.m.
> EST on Monday.
>
> Hope to work you on both events, 73,
>
> Jim Hanlon, W8KGI
>
>

7579. Re: [AWA Group] Modulating a TNT

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-07 04:23:12 UTC
From: Don
Topic: 7565 Message: 7579

--- In AWAGroup@yahoogroups.com, Larry Szendrei wrote:
>
> On 2/5/13 7:41 PM, Don wrote:
> >
> > This circuit is pretty simple and that may be a problem for some (how
> > could anything that simple work?) but it works and works well.
> > Modulation is for the lack of a better word "FULL". If anyone is
> > interested I will share my schematic by Email.
> >
> Don, I would very much like to take a look at your circuit. Please send
> it to me by private Email, or even consider posting it to the group.
>
> > Meanwhile I will be working to get a contact from the downstairs
> > shack. For the AWA AM QSO deal I am bringing it up stairs with the big
> > boys.
> >
> I'd like to hear it. Maybe we can sked some morning fairly early on 40M AM.
>
> 73,
> -Larry/NE1S
> I'd like to hear it. Maybe we can sked some morning fairly early on 40M AM.
Fairly early? 5AM? 7AM ?. My tnt's sweet spot is 7225. I can go up or down of course but at 7160 it is out of the untuned coils happy zone and hard to count on. How does that compare with yours? I can move mine easily enuf if I need to.
Sent you the schematic. Tonite I changed the cap for a .005 and it took the excessive bass out of the audio. Easy to push the modulation to the top. Having several screen modulated rigs here I am not used to that. I will have to be careful or add a level control.
>

7580. Re: [AWA Group] AWA Journal

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-07 04:54:09 UTC
From: Roger Kuchera
Topic: 6090 Message: 7580

His dog was "Yukon King."

Roger.

--- On Wed, 2/6/13, Bill Stewart <cwopr@...> wrote:

From: Bill Stewart <cwopr@...>
Subject: Re: [AWA Group] AWA Journal
To: AWAGroup@yahoogroups.com
Date: Wednesday, February 6, 2013, 3:06 PM

#yiv1211159896 p {margin:0;}

Eddy, Your dogs are faster than the pony express down south...tnx for the letting us know its on the way...73 de Bill K4JYS

Hi Guys,

My latest-and-greatest AWA JOURNAL arrived here in yesterday's mail...

Three cheers for THE GREAT WHITE NORTH! (Sgt. Preston & the Royal Canadian dog sled team made it through yet again...!).

~73~ de Eddy VE3CUI - VE3XZ

On 2013-02-06, at 11:07 AM, Bill Stewart wrote:

Morning,
The last Journal I received was for Oct 2012 (Vol 53/#4). Has there been one since. Was thinking there should have been one for Jan 2013. Have I missed an issue? If so, from whom should I request a replacement?
Thanks, 73 de Bill K4JYS

7581. Re: [AWA Group] Modulating a TNT

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-07 11:39:44 UTC
From: Don
Topic: 7565 Message: 7581

--- In AWAGroup@yahoogroups.com, "Don" wrote:
>
>
>
> --- In AWAGroup@yahoogroups.com, Larry Szendrei wrote:
> >
> > On 2/5/13 7:41 PM, Don wrote:
> > >
I noticed subconciously I guess that when switching in the modulator with the home-made knife switch there was no whoop when the TNT came on freq. It came to me in the night that it might make a good keyer so I rose early and tried it on 7226 as it was quiet and clear. It works. Now the 64 dollar question is does it not chirp because the modulator cuts power to the point it doesnt wiggle when started up or does the modulator apply power gentler eliminating the chirp? These are the things I still have to check out. And then since there is some power lost accross the modulating tube should I measure the loss and compare it to what is actually across the 45 in the TNT pecentage wise and build a PS to supply both maintaining the TNT at its original voltage which was 247v if memory serves me and I have heard of 45s being pushed to 1000vs so there would be no danger for me just restoring its original voltage or maybe even giving it a boost into the 400s even.
While I was up and had it running I QRLed on CW then switxhed to AM and called CQ. No joy but I gave it a good shot off and on for 20 minutes.
Don VE3LYX

>

7582. AWA AM QSO Party...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-07 19:26:07 UTC
From: Eddy Swynar
Topic: 7582 Message: 7582

Hi Guys,

Yesterday I did a "dry run" on 40-meters AM with Bill (VE3CSK - VE3NH), with him using his newly-revamped Ranger-1 transmitter---and it sounded just marvellous!

Listen for him this weekend on the occasion of the QSO Party, and please be encouraging: our QSO marked the FIRST TIME SINCE 1963 THAT BILL WAS ON THE AIR USING AMPLITUDE MODULATION...!

I think he's been smitten!

Larry (NE1S), will you be on 40-meters with your 1929-style Heising modulated set-up...? I've already told Bill that you might be...

Who else plans to be active, & what will you be using...?

~73~ de Eddy VE3CUI - VE3XZ

7583. AGS

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-07 20:01:27 UTC
From: Louis Vermond
Topic: 7583 Message: 7583

Can anyone help Rich with his inquires? Tks, Lou

Lou,

I poked around online and found several pictures of AGS receivers, all of which carried National plates. I should modify my request to ask about AGS receivers with Department of Commerce tags.

Also, I meant to comment on the type "B" National vernier dial on the RIO; it has an offset vernier similar to those on type "N" dials. I have not encountered any such before.

thanks, Rich KC9GQ rco@...

7584. Re: AWA AM QSO Party...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-07 22:59:13 UTC
From: Don
Topic: 7582 Message: 7584

--- In AWAGroup@yahoogroups.com, Eddy Swynar wrote:
>
> Hi Guys,
>
> Yesterday I did a "dry run" on 40-meters AM with Bill (VE3CSK - VE3NH), with him using his newly-revamped Ranger-1 transmitter---and it sounded just marvellous!
>
> Listen for him this weekend on the occasion of the QSO Party, and please be encouraging: our QSO marked the FIRST TIME SINCE 1963 THAT BILL WAS ON THE AIR USING AMPLITUDE MODULATION...!
>
> I think he's been smitten!
>
> Larry (NE1S), will you be on 40-meters with your 1929-style Heising modulated set-up...? I've already told Bill that you might be...
>
> Who else plans to be active, & what will you be using...?
>
> ~73~ de Eddy VE3CUI - VE3XZ

> Who else plans to be active, & what will you be using...?

Don, VE3LYX 1929 style Hartley (45 tube)on 40M cathode modulated by a Dx235 triode with carbon mic circuit, Gonna try I think for a Hartley to Hartley AM contact.
>

7585. Re: 29 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-08 02:29:19 UTC
From: ab9zg@ymail.com
Topic: 7554 Message: 7585

Looks great. The Tiny Tobe's are an especially nice touch. I believe this is the first time I've seen them used in a recently constructed receiver.

7586. Re: 29 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-08 04:21:47 UTC
From: steve
Topic: 7554 Message: 7586

The Tiny Tobe's are a sham!
See my photos section (KK7UV) for how I made them.
I thought I'd add the 'period' Tobe labels for fun.

Thanks to all for the nice comments,

- Steve, KK7UV

7587. Re: [AWA Group] Re: 29 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-08 11:30:51 UTC
From: KG4KGL
Topic: 7554 Message: 7587

Great work on the caps! How did you seal the ends?

73,

Robert
KG4KGL

On Feb 7, 2013, at 23:21, "steve" <kk7uv@...> wrote:

> The Tiny Tobe's are a sham!
> See my photos section (KK7UV) for how I made them.
> I thought I'd add the 'period' Tobe labels for fun.
>
> Thanks to all for the nice comments,
>
> - Steve, KK7UV
>
>

7588. RE: [AWA Group] Re: 29 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-08 11:40:04 UTC
From: Steve Flood
Topic: 7554 Message: 7588

The caps are held in place with bits of baking clay and the ends sealed and shaped with hot glue.

7589. Re: [AWA Group] Re: 29 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-08 13:43:06 UTC
From: KG4KGL
Topic: 7554 Message: 7589

Thank you,

One other question. What colour did you use to paint them?

73,

Robert
KG4KGL

On Feb 8, 2013, at 6:40, "Steve Flood" <kk7uv@...> wrote:

> The caps are held in place with bits of baking clay and the ends sealed and shaped with hot glue.
>
>
>
>

7590. Re: Re: Fw: National RIO

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-08 15:36:08 UTC
From: N3IBX
Topic: 7576 Message: 7590

Hello Rich,
I have a early AGS. How can I help you?
Regards,
Joe Cro N3IBX

On 02/07/13, Rich Oliver wrote:

Lou,

I poked around online and found several pictures of AGS receivers, all of which carried National plates. I should modify my request to ask about AGS receivers with Department of Commerce tags.

Also, I meant to comment on the type "B" National vernier dial on the RIO; it has an offset vernier similar to those on type "N" dials. I have not encountered any such before.

thanks, Rich KC9GQ

On 2/6/2013 1:39 PM, Louis Vermond wrote:

Lou, Do you know anybody with an
AGS? It would be interesting to compare tags. -Rich KC9GQ

I took some shots of my 'mystery' National RIO yesterday. It seems to

be a companion to the AGS for LF reception. The tag claims it is an

"Intermediate Frequency Receiver", which I take to mean that it is a

stand-alone receiver for that part of the spectrum rather than an early

Q-5'er. I did learn one thing - there is info hand-written on the RH

plate that might just provide some important clues. I will remove it

and take a closer look.

It is interesting that the power supply appears to have been contracted

to a NY company.

73, Rich

7591. RE: [AWA Group] Re: 29 Regen completed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-09 00:22:25 UTC
From: Steve Flood
Topic: 7554 Message: 7591

I used spray lacquer. Satin black on some, gloss black on others (I ran out of gloss). I tried enamel paint on an earlier attempt and it chips off too easily. The lacquer adhered better in this specific case.

7592. Re: [AWA Group] AWA AM QSO Party...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-09 22:38:48 UTC
From: Larry Szendrei
Topic: 7582 Message: 7592

> Larry (NE1S), will you be on 40-meters with your 1929-style Heising
> modulated set-up...? I've already told Bill that you might be...
>
>
Hi Eddy,

I'll be on 80M and/or 75M with my plate-modulated Hartley. I haven't tried modulating the Hartley on 40M, because there is some 60Hz modulating the carrier on that band. Also, it's not Heising-modulated - it's modulated with a pair of PP 45s in class B.

Will most of the time be using other rigs, and I hope to make an appearance on all bands 160M - 20M.

73,
-Larry/NE1S

7593. eBay Alert QST magazine 1930 set $35 Buy it Now..... Good Price & Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-10 12:59:16 UTC
From: Louis Vermond
Topic: 7593 Message: 7593

"If you are interested in these, I have the complete 1930-2000 collection all in leather binders such as this one."

http://www.ebay.com/itm/QST-magazine-1930-set-/150993739655?ssPageName=ADME:B:SS:US:1123

7594. AWA AM QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-10 21:34:05 UTC
From: Eddy Swynar
Topic: 173 Message: 7594

Hi Guys,

What an enjoyable time I had on 40-meters, albeit briefly...

I worked everything from modern-day "rice rockets", to a classic 1952 Collins KW-1!

It was especially FB to work one of the gang from past 1929 QSO Party frays, i.e. Larry (NE1S)...

BTW, did the event this weekend conflict with the "Classic Radio Exchange"...? One station I QSO'ed was convinced that this weekend sponsored "dual coverage" of both events!

~73~ de Eddy VE3CUI - VE3XZ

7595. Re: [AWA Group] AWA AM QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-10 23:28:34 UTC
From: Larry Szendrei
Topic: 173 Message: 7595

On 2/10/13 4:34 PM, Eddy Swynar wrote:
>
> */Hi Guys,/*
>
>
> What an enjoyable time I had on 40-meters, albeit briefly...
It was a great time. Almost OD'ed on radio operation this weekend.
>
> I worked everything from modern-day "rice rockets", to a classic 1952
> /Collins/KW-1!
Yep...
>
> It was especially FB to work one of the gang from past /1929 QSO
> Party/frays, i.e. Larry (NE1S)...
The pleasure was all mine. I did most of my operating with vintage or
homebrew stuff, but was at the ricenox when I heard you Eddy, and I
didn't want to miss talking to you.
>
> BTW, did the event this weekend conflict with the "/Classic Radio
> Exchange/"...? One station I QSO'ed was convinced that this weekend
> sponsored "dual coverage" of both events!
>
>
It didn't/wouldn't conflict, but yes, both events were going on this
weekend.

And next weekend is the AM Transmitter Rally, another AM QSO party.

73,
-Larry/NE1S

7596. Re: [AWA Group] AWA AM QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-11 02:32:10 UTC
From: Don
Topic: 173 Message: 7596

--- In AWAGroup@yahoogroups.com, Larry Szendrei wrote:
>
> On 2/10/13 4:34 PM, Eddy Swynar wrote:
> >
> > */Hi Guys,/*
> >
> >
> > What an enjoyable time I had on 40-meters, albeit briefly...
> It was a great time. Almost OD'ed on radio operation this weekend.
> >
> > I worked everything from modern-day "rice rockets", to a classic 1952
> > /Collins/KW-1!
> Yep...
> >
> > It was especially FB to work one of the gang from past /1929 QSO
> > Party/frays, i.e. Larry (NE1S)...
> The pleasure was all mine. I did most of my operating with vintage or
> homebrew stuff, but was at the ricenox when I heard you Eddy, and I
> didn't want to miss talking to you.
> >
> > BTW, did the event this weekend conflict with the "/Classic Radio
> > Exchange/"...? One station I QSO'ed was convinced that this weekend
> > sponsored "dual coverage" of both events!
> >
> >
> It didn't/wouldn't conflict, but yes, both events were going on this
> weekend.
>
> And next weekend is the AM Transmitter Rally, another AM QSO party.
>
> 73,
> -Larry/NE1S
Well I came up dry. The hartley didnt like the big inverted vee. It upset the balance of modulator tube to rf tube.(measured the voltages to be sure , it was so) (this specific mentioned BTW in 1940 Radio Handbook and a couple of possible solutions)Still I got up in the night a couple of times and rose early to give it a shot although power up here was down about 30%). Should have left it on the downstairs antenna, a 40M magnetc loop. It seems to like it better.
Tonite even though its all over I brought up the 40M transciever and the 6293 linear. It seem happy on the inverted Vee. I will give it a shot or two between now and morning.
I could have fired up the DX60 but I was committed to the project.
Don VE3LYX
>

7597. Pepping Up Old Tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-11 22:05:23 UTC
From: Bill Stewart
Topic: 7597 Message: 7597

Saw this in a recently acquired Modern Mechanix 'Radio Builders Manual', from 1935 and passed it along on a thread over on the Regen list.

"Heat Glass to Pep up Radio Tubes.

The new radio tubes with oxide coated filaments can be rejuvenated by slowly heating the glass with a blow torch or alcohol lamp until all of the silvery deposit inside the glass has disappeared. Test for shorts after cooling. Avoid heating glass excessively"
73, Bill K4JYS

7598. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-11 23:14:43 UTC
From: Louis Vermond
Topic: 130 Message: 7598

See his stuff...

http://www.ebay.com/sch/ka1cfq/m.html?item=190797059422&rd=1&ssPageName=WDVW&cmd=ViewItem&category=7275&ih=009&rt=nc&_trksid=p2047675.l2562

7599. Filiment Xfr?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-11 23:22:35 UTC
From: Louis Vermond
Topic: 7599 Message: 7599

Anyone have a 5V 3-5AMP filament transformer for sale or trade?

73, Lou

7600. Johnson Ranger For Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-13 14:29:20 UTC
From: Eddy Swynar
Topic: 7600 Message: 7600

Hi Guys,

Not mine, but the seller does advise that he'll entertain offers...

FYI:

http://ontario.kijiji.ca/c-buy-and-sell-electronics-JOHNSON-RANGER-TRANSMITTER-for-Ham-Radio-W0QQAdIdZ456189454

~73~ de Eddy VE3CUI - VE3XZ

7601. Re: [AWA Group] Johnson Ranger For Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-13 16:25:15 UTC
From: Louis Vermond
Topic: 7600 Message: 7601

$300? What's the going rate for these in that condx, Eddy? Lou

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com ; tetrode@... Bugs ; Discussion of AM Radio Amateur Service
Sent: 2013-02-13 9:29 AM
Subject: [AWA Group] Johnson Ranger For Sale

Hi Guys,

Not mine, but the seller does advise that he'll entertain offers...

FYI:

http://ontario.kijiji.ca/c-buy-and-sell-electronics-JOHNSON-RANGER-TRANSMITTER-for-Ham-Radio-W0QQAdIdZ456189454

~73~ de Eddy VE3CUI - VE3XZ

7602. Re: [AWA Group] Johnson Ranger For Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-13 16:48:28 UTC
From: Eddy Swynar
Topic: 7600 Message: 7602

On 2013-02-13, at 11:25 AM, Louis Vermond wrote:

>
> $300? What's the going rate for these in that condx, Eddy? Lou
>
>
>

Hi Lou,

That IS the going rate for these things in most ANY condition...!

Gone are the days of the $90.00 Rangers, which was what mine cost me in 1973...

I'm surprised, quite frankly, that the owner isn't asking even MORE for it than he is.

~73~ de Eddy VE3CUI - VE3XZ

7603. Fwd: [AMRadio] AM Rally **THIS WEEKEND** Feb 16, Feb 17

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-13 18:19:34 UTC
From: Larry Szendrei
Topic: 7603 Message: 7603

FYI, there is another amateur AM QSO party this coming weekend.

73,
-Larry/NE1S

-------- Original Message --------
Subject: [AMRadio] AM Rally **THIS WEEKEND** Feb 16, Feb 17
Date: Wed, 13 Feb 2013 12:15:55 -0500
From: Steve WA1QIX <wa1qix@...>
To: amradio@...

This weekend is the annual AM Rally.

The event takes place starting at 6:00 AM E.S.T. on Saturday Feb 16, and goes until 11:00 PM West coast time (that's 2:00 AM on Monday, East coast time).

If you can send in a log (we have free logging software customized for the event), that would be great, but this is an operating event, so just get on - log or no log.

The event has a web site at http://www.amrally.com with complete information, rules, links to the logging software, etc.

Look for you this weekend! *** Please tell everyone you know about the event when you're on the air. A surprising number of people don't read Internet web sites or mailing lists, so the only way they can find out about the event is by hearing about it. Thanks!!

7604. Re: [AWA Group] Johnson Ranger For Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-13 18:30:30 UTC
From: Louis Vermond
Topic: 7600 Message: 7604
Attachments: 1 described; binary payloads are missing from this source WARC

Tks Eddy,

That IS the going rate for these things in most ANY condition...! Oh well, back to Loop Modulation.

Unless I missed it, there have been no reports here on the AM Party results. How did it go? I listened in on occasion. Sounded like those I heard had an enjoyable evening. Hmmmm....?

Hmmmm...? , Lou

7605. Re: [AWA Group] Johnson Ranger For Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-13 20:30:59 UTC
From: Eddy Swynar
Topic: 7600 Message: 7605

On 2013-02-13, at 1:30 PM, Louis Vermond wrote:

>
> Unless I missed it, there have been no reports here on the AM Party results. How did it go? I listened in on occasion. Sounded like those I heard had an enjoyable evening. Hmmmm....?
>
>

Hi Lou,

Well, I had a very good time in the minimum effort that I could put into it...

Made a total of just 10 QSOs, & all on 40-meters, using my E.F. Johnson Viking II "CC" transmitter (100-watts of carrier output) & the HB 12-tube 1929-style superheterodyne.

I worked everything from modern-day imported transceivers, to a Collins KW-1. Perhaps best of all I FINALLY had a phone QSO with my old friend Bill (VE3AUI) near London, Ontario...

I know Larry (NE1S) was on, & he's already posted his comments here on the Reflector---but as for the rest of the gang...?

"AWOL" I'm afraid...

~73~ de Eddy VE3CUI - VE3XZ
>
>

PS: Just mailed my summary sheet to the event organizer this morning, in fact...

7606. Johnson Ranger For Sale & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-14 17:02:31 UTC
From: Louis Vermond
Topic: 7606 Message: 7606

Hello Eddy,

Thank you for your report. I was hoping to hear Larry as well. I heard several QRP AM carriers, but so little voice I could not tell who's.

73, Lou

7607. Re: [AWA Group] Johnson Ranger For Sale & Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-14 17:43:04 UTC
From: Larry Szendrei
Topic: 7606 Message: 7607

On 2/14/13 12:02 PM, Louis Vermond wrote:
>
> Hello Eddy,
> Thank you for your report. I was hoping to hear Larry as well. I heard
> several QRP AM carriers, but so little voice I could not tell who's.
>
Hi Lou, Eddy, and group.

In the AM QSO Party I have 5 stations logged on160M, 36 on 75M, and 15 on 40M. All except the last 22 were with 80W from the Viking I; the last 22 QSOs were on the"big rig" running the legal limit for the Sunday AM PM net on 3837 KHz.

73,
-Larry/NE1S

7608.] Johnson Ranger For Sale & Larry

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-14 17:46:46 UTC
From: Louis Vermond
Topic: 7608 Message: 7608

Larry,

I was looking for ur modulated Hartley. Lou

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: 2013-02-14 12:43 PM
Subject: Re: [AWA Group] Johnson Ranger For Sale & Eddy

On 2/14/13 12:02 PM, Louis Vermond wrote:

Hello Eddy,

Thank you for your report. I was hoping to hear Larry as well. I heard several QRP AM carriers, but so little voice I could not tell who's.

Hi Lou, Eddy, and group.

In the AM QSO Party I have 5 stations logged on160M, 36 on 75M, and 15 on 40M. All except the last 22 were with 80W from the Viking I; the last 22 QSOs were on the"big rig" running the legal limit for the Sunday AM PM net on 3837 KHz.

73,
-Larry/NE1S

7609. Re: [AWA Group]] Johnson Ranger For Sale & Larry

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-14 17:57:54 UTC
From: Larry Szendrei
Topic: 7608 Message: 7609

On 2/14/13 12:46 PM, Louis Vermond wrote:
>
> Larry,
> I was looking for ur modulated Hartley. Lou
>
I didn't put it on the air during the event, Lou. Probably could have for my Sunday morning QSOs when I was talking mostly to local (New England) stations, but propagation to you wouldn't have been favorable then, so you wouldn't have heard it anyway.

73,
-Larry/NE1S

P.S. The Ranger is a nice little transmitter. I revived a basket case Ranger I around 1985 that I had bought from a friend for $15. Still use it often. Since it was far from a museum specimen with a replacement TV power transformer and other changes I have heavily modified the modulator section more to my liking.

7610. Re: [AWA Group]] Johnson Ranger For Sale & Larry

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-14 18:11:01 UTC
From: Eddy Swynar
Topic: 7608 Message: 7610

On 2013-02-14, at 12:57 PM, Larry Szendrei wrote:

>
> On 2/14/13 12:46 PM, Louis Vermond wrote:
>
> P.S. The Ranger is a nice little transmitter. I revived a basket case Ranger I around 1985 that I had bought from a friend for $15. Still use it often. Since it was far from a museum specimen with a replacement TV power transformer and other changes I have heavily modified the modulator section more to my liking.
>
>
>

Hi Guys,

I just located a site that'll calculate "old" dollar values to current ones, taking inflation into account:

http://www.westegg.com/inflation/

Based upon this, the $90.00 that I spent for my used Ranger in 1973, translates to a whopping $458.75 in 2012!

I must say, it sure did NOT feel like quite THAT much when I purchased it 40 years ago, but in hindsight, maybe some of those $300.00 price tags that we see attached to Rangers to-day on eBay are REALLY quite a bargain...!

~73~ de Eddy VE3CUI - VE3XZ

PS: Larry, congratulations on a superlative AM effort---"YOU DONE GOOD, KID, REAL GOOD...!"

7611. Re: [AWA Group]] Johnson Ranger For Sale & Larry

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-14 18:32:42 UTC
From: Larry Szendrei
Topic: 7608 Message: 7611

On 2/14/13 1:11 PM, Eddy Swynar wrote:
>
> */Hi Guys,/*
>
> I just located a site that'll calculate "old" dollar values to current
> ones, taking inflation into account:
>
> http://www.westegg.com/inflation/
>
> Based upon this, the $90.00 that I spent for my used /Ranger/in 1973,
> translates to a whopping*$458.75 *in 2012!
>
> I must say, it sure did /NOT/feel like quite */THAT/*much when I
> purchased it 40 years ago, but in hindsight, maybe some of those
> $300.00 price tags that we see attached to /Rangers/to-day on
> /eBay/are /REALLY/quite a bargain...!
>
This is off-topic, but why we tolerate ANY inflation is beyond me. The
Fed's target inflation rate is 2%/year (meaning, the central bank will
attempt to manipulate the money market so that 2% ofyour saving's
purchasing power is stolen from you every year.)
> *//*
>
> *PS: *Larry, congratulations on a superlative AM effort---"/YOU DONE
> *GOOD*, KID, *REAL*GOOD...!"/
>
> <http://groups.yahoo.com/group/AWAGroup/post;_ylc=X3oDMTJxZzhhNXV2BF9TAzk3MzU5NzE0BGdycE
lkAzM5NDcwOTEwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM3NjEwBHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM2
MDg2NTQ2OA--?act=reply&messageNum=7610>
>
>
>
>
>
Thanks, Eddy! I made a small error on my report to the group: three of
my 40M contacts were made with a TS-440S, and one of those was our QSO.
I did not put in a huge effort; all my QSO's were leisurely, and when I
joined a group I pretty much stayed put, picking up new stations as they
checked in. I also went to bed and rose at my normal timesand got a good
night's sleep.

73,
-Larry/NE1S

7612. Vintage HB AM Transceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-15 03:46:11 UTC
From: Don
Topic: 7612 Message: 7612

I set the AM TNT aside for lack of interest.
I have spent this week reworking my homebrew AM transceiver. Went from 50l6 PAs (both in rx and tx)to 6v6s (and sometimes a 6L6 in the tx instead)and 12sl7s in both to 6sl7 (and also sometimes a 6bl7 in tx)Normal filament circuit with low votage now (6.3 v) reduced hum problem to below even my commercial sets. Power out is up and modulation is "Definate". This is a carbon mic rig (HAND14)I have a 6293 dual band linear. This transceiver now tunes continuously from 3 mcs to 8 mcs so 80M and 40M are in. If all goes well I may try a check in Sunday on the AM PM net. I also added TIT today so I can trim the tracking of Rx and TX. (This is a single tuning control transceiver)Also will add CW TX function.
Rx is a regen and drives a speaker with STRONG volume and deep rich sound. Copies SSB signals just fine and CW too. I am seriously now thinking of sending my Benton Harbor AM set up down the road. Time will tell.
Don VE3LYX

7613. Hartley for sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-16 11:25:25 UTC
From: Steve Flood
Topic: 7613 Message: 7613
Attachments: 1 described; binary payloads are missing from this source WARC

Just noticed this via eham.net classifieds.

http://www.eham.net/data/classifieds/images/397106.jpg

VINTAGE CIRCA. 1929 80 AND 40 METER HARTLEY TRANSMITTER - Uses single 210 tube. Approximately 10 watts. Covers both 80 and 40 meters. Perfect for vintage AWA contests. All authentic parts. Other photos on request. For pick up only. Price: $300. JON K1VVC

7614. Re: [AWA Group] Hartley for sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-16 12:32:03 UTC
From: N1BUG
Topic: 7613 Message: 7614
Attachments: 1 described; binary payloads are missing from this source WARC

Ooooooooooooooohhhhhhh.....!!!
!!!

7615. Re: [AWA Group] Hartley for sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-16 15:14:49 UTC
From: Louis Vermond
Topic: 7613 Message: 7615
Attachments: 1 described; binary payloads are missing from this source WARC

It's got you name on it Bugsy! QUICK!!!

Ooooooooooooooohhhhhhh.....!!!
!!!

7616. Re: [AWA Group] Hartley for sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-16 15:37:16 UTC
From: Roger Kuchera
Topic: 7613 Message: 7616
Attachments: 1 described; binary payloads are missing from this source WARC

If you miss that one, my Hartley is for sale/trade. I think there is a pix on the website. It
would come SANS tube and meter.

CUL, Roger/K1TG

--- On Sat, 2/16/13, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] Hartley for sale
To: AWAGroup@yahoogroups.com
Date: Saturday, February 16, 2013, 10:14 AM

It's got you name on it Bugsy! QUICK!!!

Ooooooooooooooooohhhhhhh.....!!!
!!!

7617. Fwd: [AWA] January Journal Delivery Survey

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-16 18:43:07 UTC
From: Larry Szendrei
Topic: 7617 Message: 7617

Marc Ellis is requesting all members to send him a personal Email with "yes" or "no" status on receipt of the January OTB. Errr... AWA Journal - see below. Include location and date of arrival, if it has, in fact, arrived.

73,
-Larry/NE1S

-------- Original Message --------
Subject: [AWA] January Journal Delivery Survey
Date: Sat, 16 Feb 2013 09:20:11 -0800 (PST)
From: Marc Ellis <mfellis@...>
Reply-To: antiquewirelessassociation@yahoogroups.com
To: antiquewirelessassociation@yahoogroups.com

Hello group--

I've seen all the queries regarding non-arrival of the January/AWA Journal/.

This is to assure you that the issue was definitely sent out abvout a week before the end of last month, but since we use the non profit organization mail rate as an economy measure, delivery is slow.

To help me evaluate the situation I would much appreciate it if all AWA members in the group would take a moment to send me a yes or no report on the delivery status of this issue. Please include your location and -- if you have received the issue--include date of arrival.

Please respond directly to my personal e-mail address with "Journal Survey" in the subject line and send a report to me even if you have already posted a comment to the reflector.

Thanks in asdvance for your help!

Marc Ellis
Editor,/The AWA Journal/

7618. Re: [AWA Group] Hartley for sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-17 11:30:31 UTC
From: N1BUG
Topic: 7613 Message: 7618

On 02/16/2013 10:14 AM, Louis Vermond wrote:
>
> It's got you name on it Bugsy! QUICK!!!

Wish it did. I like it. Of course I fall for anything that has those
Jewell meters on it! :-)

Bugsy

7619. Re: [AWA Group] Hartley for sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-17 11:35:50 UTC
From: KG4KGL
Topic: 7613 Message: 7619

How much?

73,

Robert
KG4KGL

On Feb 16, 2013, at 10:37, Roger Kuchera <rwkuchera@...> wrote:

>
> If you miss that one, my Hartley is for sale/trade. I think there is a pix on the website. It
> would come SANS tube and meter.
>
> CUL, Roger/K1TG
>
> --- On Sat, 2/16/13, Louis Vermond <ldvermond@...> wrote:
>
> From: Louis Vermond <ldvermond@sympatico.ca>
> Subject: Re: [AWA Group] Hartley for sale
> To: AWAGroup@yahoogroups.com
> Date: Saturday, February 16, 2013, 10:14 AM
>
>
>
> It's got you name on it Bugsy! QUICK!!!
>
>
>
> Ooooooooooooooohhhhhhh.....!!!
> <mime-attachment.jpg>!!!
>
>

7621. Re: More power corrected

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-18 17:15:34 UTC
From: Don
Topic: 7620 Message: 7621

--- In AWAGroup@yahoogroups.com, "Don" <dulmagedon@...> wrote:
>
> Been playing around with my regen AM transceiver. I switched it to PS suppy rather then AC/DC (as we call it up here.) This allowed me to use 6 volt tubes rather then the 50L6 and 50C6 tube.I had a doubler in the final amp power feed before and could make 220 volts under load to the 50L6 final. Now under load I have only 200V BUT: this morning I was working on the tank circuit and testing and happened to glance around at a field strength meter in the shop and was surprised to see it setting at almost 1/2 scale. I thought I had left something else on so I switched the tx off on this rig and it dropped to zero. You should know that before with the 50l6 it was lucky to put out 1/4 watt output and wouldnt even wiggle the meter. That was ok because it drives a 6293 (6146B cousin) in my linear and they dont need a lot of drive. I had gotten 14 watts out from the linear drven this way and was happy with that. I got curious. I put a power meter inline to see. I got about 2.5 watts at peak adjustment on the transciever alone. I had at the time a 6v6G in the PA final. I decided to pop in a 6L6GB. 4.5 + watts out now. Yes it wasnt a bird meter so it might be less in actual value but not less relatively speaking. I switched from my rx supply to the 350 volt supply and turned on the rig. My neon power indicator immediatley burst into flames as did the one from my dial indicator. After blowing out the smoke and cutting the feeds I continued the test. Pinned the needle, which might be 5 watts max. I played around for about an hour and discovered a lot more interesting things.
> I dont know the actual dates of the tubes introdutions but a 6sl7 , a 6v6G in the Rx and a 6bl7 and 6l6G in the tx should be "legal" so to speak except perhaps the 6BL7 which can be subbed by a 6sn7 and 6sl7 etc etc. This started out as an experiment at an idea and has slowly but surely begun to become a decent useable radio. Nothing major has been changed. Just a wee bit here and a wee bit there. Never give up I guess is what I learned.
> I think if I made a 550 volt supply for the 6l6gb and kept the rest on the light duty supply I could see another significant increase in power out. Maybe even 10 or so barefoot on AM. Rig is BTW screen modulated carbon mic circuit. Currently tuned up on or about 3850.
> Regen Rx works fine as well. As good if not better then my HB10R which sits above it on the bench.
> Don
>

7622. Re: [AWA Group] Re: More power corrected

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-18 18:07:17 UTC
From: Larry Szendrei
Topic: 7620 Message: 7622

On 2/18/13 12:15 PM, Don wrote:
>
>
>
> --- In AWAGroup@yahoogroups.com <mailto:AWAGroup%40yahoogroups.com>,
> "Don" wrote:
>
> > I dont know the actual dates of the tubes introdutions but a 6sl7 ,
> a 6v6G in the Rx and a 6bl7 and 6l6G in the tx should be "legal" so to
> speak except perhaps the 6BL7 which can be subbed by a 6sn7 and 6sl7
> etc etc.
>
"Legal" in what sense?

6SL7 is hi-mu (70), 6SN7 is medium-mu (20), 6BL7 is also medium-mu (15). Plate dissapations (for one triode section) are 1W, 5W, and 10W, respectively. Note that total plate dissipation for the 6BL7 and 6SN7 are significantly less than the expected 2X the single triode value (i.e., probably limited by bulb temperature or plate-to-plate radiation). These variables need to be considered when considering one of these tubes as a substitute for another.

Don, glad you're getting some good results there! More power, generally speaking, means more QSOs, but is of course no substitute for a good antenna.

73,
-Larry/NE1S

7623. [AWA Group] Re: More power corrected

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-18 19:53:58 UTC
From: Don
Topic: 7620 Message: 7623

--- In AWAGroup@yahoogroups.com, Larry Szendrei <ne1s@...> wrote:
>
> On 2/18/13 12:15 PM, Don wrote:
> >
> >
> >
> > --- In AWAGroup@...m <mailto:AWAGroup%40yahoogroups.com>,
> > "Don" wrote:
> >
> > > I dont know the actual dates of the tubes introdutions but a 6sl7 ,
> > a 6v6G in the Rx and a 6bl7 and 6l6G in the tx should be "legal" so to
> > speak except perhaps the 6BL7 which can be subbed by a 6sn7 and 6sl7
> > etc etc.
> >
> "Legal" in what sense?
>
> 6SL7 is hi-mu (70), 6SN7 is medium-mu (20), 6BL7 is also medium-mu (15).
> Plate dissapations (for one triode section) are 1W, 5W, and 10W,
> respectively. Note that total plate dissipation for the 6BL7 and 6SN7
> are significantly less than the expected 2X the single triode value
> (i.e., probably limited by bulb temperature or plate-to-plate
> radiation). These variables need to be considered when considering one
> of these tubes as a substitute for another.
>
> Don, glad you're getting some good results there! More power, generally
> speaking, means more QSOs, but is of course no substitute for a good
> antenna.
>
> 73,
> -Larry/NE1S
"Legal" in what sense?
pre 1941
Don VE3LYX
>

7624. CW added to AmMtransceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-19 02:27:04 UTC
From: Don
Topic: 7624 Message: 7624

Tonite after supper I took a look at adding CW to my AM transceiver. When I built it, the screen control pot I had in my junk box had an on/off attachment as well. Porbably something to do with my heritage but I can,t leave stuff like that doing nothing so I wired it in so I can turn the screen supply off. No reason except I didnt like it sitting there with no connection. No screen, no signal though with this set as well as my bare esssentials rig (single 50l6)that you fellows were kind enuf to help me test on air last year. So I shut the screen off, clipped a key accross the switch connections and "voi-la" instant CW. Doesnt sound bad either. I then installed and wired in a proper jack. Now a 1/2 a 6bl7 osc pushing a 6l6gb makes a pretty decent mopa for Cw. This is getting to be a real fun radio to run. AM at the flip of a switch or CW. When the rig switches to transmit I wired it so the regen osc's B plus is switched off. However I left the audio circuts working. It just so happens now that power is up there is enuf that strays in the set on transmit to monitor the AM modulation in the earphones while speaking. I didn't plan that. It just works that way.If you push the modulation too far you can hear it in the phones as the voice quality deterioates. Tuning for both recv and transmit is by a single tuning control on the front panel. If a correction is needed a TIT variable cap is right there to trim the tracking should it be necessary or for splip operation if desired. If I sound surprised I am. This radio is easier to run and has a lot of features my commercial sets dont. Also for some dumb reason the regen auto is almost hi fi in quality. I need to rework the final tank a bit. It has a relatively small capacitance which is fine as the ham bands are quite small portion of the radios tuning range. (Continous from 3.3 to 8.2 approx) There is no need, in fact,it would not be a good idea to be able to transmit outside the ham bands (40M and 80m) The tank right now doesnt quite go high enuf on 40M so I may remove a turn from the tank coil which should move me the last little bit of the way. Then play with the padding cap on the 80 meter switch to get it so I have full tank coverage on 40 and 80 meter bands and a safety of sorts, No tank tuning outside the Ham bands more or less.
Don Ve3LYX

7625. The Crusade

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-19 13:10:10 UTC
From: Louis Vermond
Topic: 7625 Message: 7625

http://www.themorsecrusade.g5fz.co.uk/

7626. Re: [AWA Group] The Crusade

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-19 17:36:16 UTC
From: STEVE MCDONALD
Topic: 7625 Message: 7626

>http://www.themorsecrusade.g5fz.co.uk/

bad site....wants to put cookies on my computer...I refused and it wouldn't let me go to the site. Why on earth he would want to cooky me for a personal site is crazy.

7627. Re: [AWA Group] The Crusade

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-20 04:55:07 UTC
From: KG4KGL
Topic: 7625 Message: 7627

I viewed the site on my iPhone, no problems here. It does have
Some good info for code newbies.

If someone is really worried about cookies, they could always view it at the local library.
Hi Hi

73,

Robert
KG4KGL

On Feb 19, 2013, at 12:36, STEVE MCDONALD <ve7sl@...> wrote:

> http://www.themorsecrusade.g5fz.co.uk/
>
> bad site....wants to put cookies on my computer...I refused and it wouldn't let me go to the site. Why on earth he would want to cooky me for a personal site is crazy.
>

7628. Jan. issue survey??

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-20 05:50:33 UTC
From: Roger Kuchera
Topic: 7628 Message: 7628

I tried responding it kept kicking back. I received my Jan. issue today, 2/19/13, in Zip 06770, Naugatuck, CT.

Roger/K1TG

7629. Re: [AWA Group] The Crusade

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-20 13:28:19 UTC
From: Don
Topic: 7625 Message: 7629

--- In AWAGroup@yahoogroups.com, STEVE MCDONALD <ve7sl@...> wrote:
>
> >http://www.themorsecrusade.g5fz.co.uk/
>
> bad site....wants to put cookies on my computer...I refused and it wouldn't let me go to the site. Why on earth he would want to cooky me for a personal site is crazy.

I saw that too however I have logged the Lincoln Radio Club whose logo is on the side (on SSB.) They were that day celebrating 90 years as an active radio club I believe so I suspect it is a legit site. People from that particular set of islands have a huge tendancy to over-complicate things. I would put the extra cookies thing in that category rather then malicious in nature. When I worked them it seemed like a good group of folks keenly interested in Amateur Radio.
My Cw could use a boost. I can work at 15 wpm for about 1/2 minute or so but eventually I mess up for a few letters. I always had trouble with numbers too but have somehow almost gotten over it.
So how did I get my Advanced ticket? I would call it a miricle. No one was more surprised then me when he shock my hand and said "Well you passed".
Don VE3LYX
>

7630. Part needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-20 15:35:24 UTC
From: Roger Kuchera
Topic: 7630 Message: 7630

Gentlemen,
After a careful search of my junque box, I find I am in need of a insulated panel bushing. It would have to have a .250 hole for a standard shaft. The outside diameter, thread and depth behind the panel are secondary issues. Almost any insulating material would be OK: plastic, Bakelite, etc. BTW: I have fair number of metal bushings but they are not usable for this application.

I found a ground loop involving the capacitor shaft in my vintage ECO. I relieved the problem by enlarging the hole in the front panel but did not foresee the shaft wobble and backlash that it created.

I will buy or trade for this item. Let me know the price plus postage or what you are looking for.

Thank you.

CUL, Roger/K1TG

7631. Re: [AWA Group] Part needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-20 15:43:02 UTC
From: Louis Vermond
Topic: 7630 Message: 7631

Roger, How about a nylon flat/shoulder washer combination to use along with your metal bushing? Price will be right.... Lou

----- Original Message -----
From: Roger Kuchera
To: AWAgroup@yahoogroups.com
Sent: 2013-02-20 10:35 AM
Subject: [AWA Group] Part needed

Gentlemen,
After a careful search of my junque box, I find I am in need of a insulated panel bushing. It would have to have a .250 hole for a standard shaft. The outside diameter, thread and depth behind the panel are secondary issues. Almost any insulating material would be OK: plastic, Bakelite, etc. BTW: I have fair number of metal bushings but they are not usable for this application.

I found a ground loop involving the capacitor shaft in my vintage ECO. I relieved the problem by enlarging the hole in the front panel but did not foresee the shaft wobble and backlash that it created.

I will buy or trade for this item. Let me know the price plus postage or what you are looking for.

Thank you.

CUL, Roger/K1TG

7632. Re: [AWA Group] Part needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-20 15:54:03 UTC
From: Roger Kuchera
Topic: 7630 Message: 7632

Hi Lou,
I thought of that and it might be what I have to use. I do have some Phenolic washers with shoulders, like you use for headphone jacks that must be insulated.

I have been on 40 almost every night with the vintage rig. I am up to 32 states with it.
The goal being WAS with it. The RME-69 does a nice job. I wish I could figure out how to make the xtal filter work. I use an outboard AF filter now. It does a nice job on QRN but it too far down the signal path for any real selectivity.

Thanks for the tip. I hope all are well at your QTH.

CUL, Roger/K1TG

--- On Wed, 2/20/13, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@...>
Subject: Re: [AWA Group] Part needed
To: AWAGroup@yahoogroups.com
Date: Wednesday, February 20, 2013, 10:43 AM

Roger, How about a nylon flat/shoulder washer combination to use along with your metal bushing? Price will be right.... Lou

----- Original Message -----
From: Roger Kuchera
To: AWAgroup@yahoogroups.com
Sent: 2013-02-20 10:35 AM
Subject: [AWA Group] Part needed

Gentlemen,
After a careful search of my junque box, I find I am in need of a insulated panel bushing. It would have to have a .250 hole for a standard shaft. The outside diameter, thread and depth behind the panel are secondary issues. Almost any insulating material would be OK: plastic, Bakelite, etc. BTW: I have fair number of metal bushings but they are not usable for this application.

I found a ground loop involving the capacitor shaft in my vintage ECO. I relieved the problem by enlarging the hole in the front panel but did not foresee the shaft wobble and backlash that it created.

I will buy or trade for this item. Let me know the price plus postage or what you are looking for.

Thank you.

CUL, Roger/K1TG

7633. Re: [AWA Group] Part needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-20 18:23:52 UTC
From: Daniel Petersen
Topic: 7630 Message: 7633

Roger, have you tried Ace Hardware's fastener section? Ours here in the wild west have "Hillman" fasteners and I have noted nylon bushings that may do the trick. Alternately, take a small (1" x .5") plastic rectangle, drill a .25"+ hole in the center and two holes either side for 4-40 hardware to mount to the back of the panel.
73, Dan - W7OIL
==========

7634. Re: [AWA Group] The Crusade

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-20 19:46:46 UTC
From: STEVE MCDONALD
Topic: 7625 Message: 7634

Yes Don I agree 100% and I'm sure there is nothing whatsoever malicious about it. My choice of describing it as a 'bad site' was a poor one. It is just very odd to see a non-commercial site wanting to cooky you..seems unusual. I think he would get more activity if he removed that function.

Congrats on the CW work...as I often tell those struggling with CW, just 5-10 mins per day will result in immediate progress. I also always suggest that they try not to get in the habit of writing the words down...just collect them in your head as you go...I believe this also helps to accelerate speed increase.

Cheers,

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7635. Re: [AWA Group] The Crusade

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-20 21:09:41 UTC
From: Don
Topic: 7625 Message: 7635

--- In AWAGroup@yahoogroups.com, STEVE MCDONALD <ve7sl@...> wrote:
>
> always suggest that they try not to get in the habit of writing the words down...just collect them in your head as you go...I believe this also helps to accelerate speed increase.
>
> Cheers,
>
> Steve / VE7SL
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
Steve,
always suggest that they try not to get in the habit of writing the words down...just collect them in your head as you go...I believe this also helps to accelerate speed increase.
Really? Now that is probably my problem.It is where I always get into trouble. I did do a 1/2hr today as I have my ARC 5 on the air (3.5 to 3.797 so far). I will try copying W1AW in my head the rest of the week. First anyone ever said that to me.
Don VE3LYX
>

7636. Re: [AWA Group] The Crusade

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-20 21:23:02 UTC
From: N1BUG
Topic: 7625 Message: 7636

I agree with Steve. My 'Elmer' told me long ago that writing the words down would only hold me back at some point. I never write anything down except call sign, name, etc. that I need to log. Even in a long rag chew nothing gets written down.

Looking back and recalling what he said... today my code copying speed on my worst day is higher than my hand writing speed on the best day. If I were trying to write everything down I could not do it unless I re-learn shorthand (which I was never very good at)

It's funny the things that happen if you work at code long enough. If your speed increases, at some point you'll realize you're not copying by letters any more, but whole words! When my elmer told me that many years ago my response was "Hmph!"... but he was right... as usual. :-)

Paul

On 02/20/2013 04:09 PM, Don wrote:
>
>
> --- In AWAGroup@yahoogroups.com, STEVE MCDONALD <ve7sl@...>
> wrote:
>>
>> always suggest that they try not to get in the habit of writing
>> the words down...just collect them in your head as you go...I
>> believe this also helps to accelerate speed increase.
>>
>> Cheers,
>>
>> Steve / VE7SL
>>
>> WEB - "The VE7SL Radio Notebook":
>> http://members.shaw.ca/ve7sl
> Steve, always suggest that they try not to get in the habit of
> writing the words down...just collect them in your head as you
> go...I believe this also helps to accelerate speed increase.
> Really? Now that is probably my problem.It is where I always get
> into trouble. I did do a 1/2hr today as I have my ARC 5 on the
> air (3.5 to 3.797 so far). I will try copying W1AW in my head the
> rest of the week. First anyone ever said that to me. Don VE3LYX

7637. Re: CW added to AmMtransceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-20 21:29:21 UTC
From: Don
Topic: 7624 Message: 7637

--- In AWAGroup@yahoogroups.com, "Don" <dulmagedon@...> wrote:
>
> Meanwhile back on the bench I built a voltage doubler for my power supply and fed the 6L6GB that on a sperate feed. Had some smoke. My cap out from the PA couldnt handle theextra but I have been through failures of these in other rigs so I knew immediatley who the culprit was. Now good for a KW plus on cap voltage. Key down sustained gives me 499 volts steady on the 6L6GB plate. However the rx didnt want to work right now. Took a few minutes but i discovered even though the osc was switched of and the PA wasnt running away it the regen can hear the tank sitting there at resting voltage. I discoved it because the regen was good at anythg above 80M and was the worst where I like to trans most. Since the tank was tuned there just before this I spun the variable and surenuf te sound varied and went away at one spot. I key now with the screen on CW but the Pa is and always was sitting there under full voltage when not used. Not good. It didnt bother it before because the power produced wasnt significant. My best plan is switch to Cathode keying of the PA and also use the key for press to talk. OR I could leave the key as is and install a press totalk in the cathode or ground circuit of the PA. The Osc is already switched on on recv. I post this because someone may also run accross similar problems and this will help or perhaps prevent them from going through this. Tis ok for me I am used to one step forward two steps back in my other career. The trick is to never quit trying. Eventualy you clean up all the reversals and life is good.
Should be ready for an on air test in a day or so. I dont know what the output will be but 500 volts on a well driven 6L6GB should be good for something.
> Don Ve3LYX
>

7638. Re: CW added to AmMtransceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-21 03:39:37 UTC
From: Don
Topic: 7624 Message: 7638

--- In AWAGroup@yahoogroups.com, "Don" <dulmagedon@...> wrote:
>
>
>
> --- In AWAGroup@yahoogroups.com, "Don" <dulmagedon@> wrote:
> >
Ok I am good to go. I put a pushbutton switch on the power supply on the AC feed for the doubler circuit. I can kill the 500 volts to the PA when listening so sensitivity is restored. Thing appears to have some stomp . Shack Monitor rx if close cant handle it.I dont recall having that effect before with this rig even on a small Linear. The pushbutton switch is reeally too stiff so I will probably replace it with a long handle flip switch but it does the job for now. I should measure the current to the PA. I would be interested to know power in. Really I should have a meter in all my power supplies but I dont. Anyway I am good to go on CW (probably AM too but I need to check it out to be sure its clean with the double PA voltage.)
> > Don Ve3LYX
> >
>

7639. Re: CW added to AM Transceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-21 03:40:17 UTC
From: Don
Topic: 7624 Message: 7639

--- In AWAGroup@yahoogroups.com, "Don" <dulmagedon@...> wrote:
>
>
>
> --- In AWAGroup@yahoogroups.com, "Don" <dulmagedon@> wrote:
> >
Ok I am good to go. I put a pushbutton switch on the power supply on the AC feed for the doubler circuit. I can kill the 500 volts to the PA when listening so sensitivity is restored. Thing appears to have some stomp . Shack Monitor rx if close cant handle it.I dont recall having that effect before with this rig even on a small Linear. The pushbutton switch is reeally too stiff so I will probably replace it with a long handle flip switch but it does the job for now. I should measure the current to the PA. I would be interested to know power in. Really I should have a meter in all my power supplies but I dont. Anyway I am good to go on CW (probably AM too but I need to check it out to be sure its clean with the double PA voltage.)
> > Don Ve3LYX
> >
>

7640. Re: CW added to AmMtransceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-21 19:46:20 UTC
From: Don
Topic: 7624 Message: 7640

Today I cheated a bit. For year using my ham skills I had dispensed with relays and used diode switching for HD 12 volt circuits in the race cars I built and serviced. I had never tried it for high voltage but often thought about it. Even though I had installed a switch in the PS to cut 500 volts to PA on rx I felt it was kinda a mickey-mouse deal so today I took 3 1N4007 diodes and made a diode switch using a resitor to feed a trigger from the already switched screen supply. I know it isnt 1941 but I may enclose it in an old relay or something to make it look right however, it works like a charm. Radio operates now as it did before the doubler and seperate feed for extra PA voltage was added. I also did some crude field strength tests. OH!:>)))))). I was pleasently surprised. Even tried it on AM and recorded it at some distance from the rig. I also added sme more C filtering to the Doubler cicuit after the fact. Huge improvemnt from that it would appear. Band is kaput at the moment but if your around 80M later you might hear me.
Don VE3LYX
>

7641. Re: CW added to AmMtransceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-22 11:23:04 UTC
From: dulmagedon
Topic: 7624 Message: 7641

--- In AWAGroup@yahoogroups.com, "Don" <dulmagedon@...> wrote:
>
>relay or something to make it look right however, it works like a charm.

Not so fast. Further tests revealed that it was'nt switching but stealing.
So I went back to the manual switch for the time being. Then I swapped out the 6l6GB for a 6l6EH tall boy. The light duty power supply gave up in a puff of smoke and sparks. No big deal ,I knew the transformer was running about as hard as it could with the 6l6gb. I have another transformer I can use to replace the three. Should be back on air by tonite.
Tempted to parallel in another 6l6EH . I have room and it would take only a few minutes or perhaps a 1/2 hour.
> Don VE3LYX
> >
>

7642. Jackson Brothers,Variable Capacitors, Drives,Stand-off Insulators and Terminals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-23 18:03:24 UTC
From: Andy UU1CC
Topic: 7642 Message: 7642

SUBJ

http://www.mainlinegroup.co.uk/jacksonbrothers/index.htm

--
73! Andy UU1CC

7643. Re: [AWA Group] Jackson Brothers,Variable Capacitors, Drives,Stand-off Insulators and Terminals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-23 20:03:52 UTC
From: Louis Vermond
Topic: 7642 Message: 7643

Wonder if they are hiring, Andy? Lou

----- Original Message -----
From: Andy UU1CC
To: AWAGroup@yahoogroups.com
Sent: 2013-02-23 1:03 PM
Subject: [AWA Group] Jackson Brothers,Variable Capacitors, Drives,Stand-off Insulators and Terminals

SUBJ

http://www.mainlinegroup.co.uk/jacksonbrothers/index.htm

--
73! Andy UU1CC

7644. Re: [AWA Group] Jackson Brothers,Variable Capacitors, Drives,Stand-off Insulators and Terminals

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-24 13:42:28 UTC
From: Andy UU1CC
Topic: 7642 Message: 7644

On 02/23/2013 08:03 PM, Louis Vermond wrote:
>
>
> Wonder if they are hiring, Andy? Lou
>

Would I...

--
73! Andy UU1CC

7645. 1930's US Gloritone radio

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-25 16:23:42 UTC
From: Terry Hall
Topic: 7645 Message: 7645

Good morning, all

Has anyone ever restored a 1930's US Gloritone Cathedral radio? I found one at a local antique store, and I've considered buying it, if nothing else to rescue it for future restoration. It appears to be complete except no knobs and grill cloth.

Thanks,
Terry
KE5YUM

7646. Re: 1930's US Gloritone radio

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-25 16:29:41 UTC
From: steve
Topic: 7645 Message: 7646

I have one Terry. I've redone the chassis and circuitry, but the case needs some serious attention still. I can look through my notes this evening and share anything noteable.

Steve

7647. Re: 1930's US Gloritone radio

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-25 16:39:15 UTC
From: Terry Hall
Topic: 7645 Message: 7647

Good to hear! The cabinet on this one is pretty bad, too. It looks like the veneer (if it ever had it) has been removed. Your notes would be welcome.

You can email me if you want. Address found on QRZ.

Terry

--- In AWAGroup@yahoogroups.com, "steve" <kk7uv@...> wrote:
>
> I have one Terry. I've redone the chassis and circuitry, but the case needs some serious attention still. I can look through my notes this evening and share anything noteable.
>
> Steve
>

7648. Logs from 29 Bruce Kelly QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-26 02:21:06 UTC
From: whitebear1122@...
Topic: 7648 Message: 7648

Guys, I'm working on the logs for the 29 QSO Party. Here is a list of folks who submitted logs last year but not this year, either snail mail or email. If this is you, did you submit a log? If you know their email address, please contact them to find out if they submitted a log.

W1ZB, N8YG, W3FJJ, N9OB, WA9QNN, KB0MM

Thanks. 73, Scott WA9WFA

7649. Re: [AWA Group] Logs from 29 Bruce Kelly QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-26 12:01:33 UTC
From: Eddy Swynar
Topic: 7648 Message: 7649

On 2013-02-25, at 9:21 PM, whitebear1122@... wrote:

>
> Guys, I'm working on the logs for the 29 QSO Party. Here is a list of folks who submitted logs last year but not this year, either snail mail or email. If this is you, did you submit a log? If you know their email address, please contact them to find out if they submitted a log.
>
> W1ZB, N8YG, W3FJJ, N9OB, WA9QNN, KB0MM
>
>

Hi Scott,

Did you ever receive my snail-mail log...?

Never did hear back from you...

~73!~ de Eddy VE3CUI - VE3XZ

7650. 1929 QSO Party List of Received Logs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-02-27 00:44:00 UTC
From: whitebear1122@...
Topic: 7650 Message: 7650

Guys, Here is the list of logs for the Bruce Kelly 1929 QSO Party that I have received via email and snail mail. They are not in any particular order other than by district that is the station is located. Obviously if your call isn't on here I haven't received your log, so please send it.

73, Scott WA9WFA

N1BUG

NE1S

NF1O

KC1FB

W1ZB

K1TMJ

NV1X

W1GIG

WU2D

WT2W

W2LB

WB2QMY

N2OUV

W2AO

WA3YNW

W3GMS

WA3FFC

K4JYS

N4GJV

W4QBE

W2CQH

K4LJH

KK4RF

K4CHE

K5RB

W7LNG

KK7UV

WA2AWQ/7

W8KGI

N8YE

NI8G

K8WEU

WA8DOF

WB9WHG

W9TFC

N9HAL

AA9DH

K0HGP

W0VLZ

KI0DB

W0LS

W0CWU

KB0ROB

W0LGU

K0PK

K0KCY

W0WGB

WA9WFA

VA3AWA

VE7SL

VE3XZ

7651. Further experiments in cathode modulators

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-01 10:20:00 UTC
From: Don
Topic: 7651 Message: 7651

I am now on my fourth design. A carbon mic circuit controlling a 6J5 which is inserted in the cathode circuit between B- and the cathode('s)
It appears to be what I was looking for. Now for a QSO to give it the real world test.
It doesnt steal too much power and appears to modulate well. I have it on my ARC 5 but it will run any of my cathode keyed rigs. I may try it on the 45 TNT this weekend.
Also have a new ariel for the downstairs shack . A 1/2 wave 80M long wire currently strung as a sloper over the cliff till I can get a rope over a branch in the big butternut tree. Worked first time I tryed it which is always a good sign. Even heard Larry on (NE1S) It is a multibander and I was on 40M with it for its initial tryout. Also finished and used another wooden key.
Did the code test thing too from the program that was posted here. If I don't look when copying I can run 100% till I lose my concentration when my feeble mind starts to wander or wonder. Somehow I got in the bad habit of reading while copying which distracts me from the signal. Have been trying to practice everyday if possible.
Don VE3LYX

7652. Re: [AWA Group] Further experiments in cathode modulators

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-01 14:43:53 UTC
From: Larry Szendrei
Topic: 7651 Message: 7652

On 3/1/13 5:20 AM, Don wrote:
>
> I am now on my fourth design. A carbon mic circuit controlling a 6J5
> which is inserted in the cathode circuit between B- and the cathode('s)
> It appears to be what I was looking for. Now for a QSO to give it the
> real world test.
> It doesnt steal too much power and appears to modulate well. I have it
> on my ARC 5 but it will run any of my cathode keyed rigs. I may try it
> on the 45 TNT this weekend.
>
Hi Don,

I think that 6J5 might be singing for its supper with only 2.5W of plate dissipation. I don't doubt that it's working well for now but it might have a short life. If you have one, try a 6SN7 with both triode sections in parallel. That'll give you a total of 7.5W plate dissipation with the same amplification factor (20) of the 6J5.

> Also have a new ariel for the downstairs shack . A 1/2 wave 80M long
> wire currently strung as a sloper over the cliff till I can get a rope
> over a branch in the big butternut tree. Worked first time I tryed it
> which is always a good sign. Even heard Larry on (NE1S) It is a
> multibander and I was on 40M with it for its initial tryout.
>
I was hearing you pretty well, Don. I was only running 20W with the plastic radio as I could get it on the air in a hurry with it- I didn't want to miss you. Got your personal Email about the intermitttant problem with the DX-60 - guess that's why you disappeared. I think you may be on the right track suspecting your crystal with marginal activity, especially since you had said you had done some grinding on it. I've heard that sometimes carefully putting a bevel on the edges can help maintain the activity. Also, unless near-perfect parallelism is maintained during grinding activity can suffer.

> Also finished and used another wooden key.
> Did the code test thing too from the program that was posted here. If
> I don't look when copying I can run 100% till I lose my concentration
> when my feeble mind starts to wander or wonder. Somehow I got in the
> bad habit of reading while copying which distracts me from the signal.
> Have been trying to practice everyday if possible.
> Don VE3LYX
>
Nothing like getting on the air and using the code in QSO to increase your proficiency - something I should be doing more of myself.

73,
-Larry/NE1S

7653. I better be careful...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-01 16:15:13 UTC
From: N1BUG
Topic: 7653 Message: 7653

...with my regen when I finally get it built. ;o)

Just kidding, but this Maine statute I ran across is interesting.

http://www.mainelegislature.org/legis/statutes/17/title17sec3962.html

73,
Paul

7654. Re: [AWA Group] Further experiments in cathode modulators

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-01 20:48:39 UTC
From: Don
Topic: 7651 Message: 7654

--- In AWAGroup@yahoogroups.com, Larry Szendrei <ne1s@...> wrote:
>
> On 3/1/13 5:20 AM, Don wrote:
> >
> > I am now on my fourth design. A carbon mic circuit controlling a 6J5
> > which is inserted in the cathode circuit between B- and the cathode('s)
> > It appears to be what I was looking for. Now for a QSO to give it the
> > real world test.
> > It doesnt steal too much power and appears to modulate well. I have it
> > on my ARC 5 but it will run any of my cathode keyed rigs. I may try it
> > on the 45 TNT this weekend.
> >
> Hi Don,
>
> I think that 6J5 might be singing for its supper with only 2.5W of plate
> dissipation. I don't doubt that it's working well for now but it might
> have a short life. If you have one, try a 6SN7 with both triode sections
> in parallel. That'll give you a total of 7.5W plate dissipation with the
> same amplification factor (20) of the 6J5.
>
> > Also have a new ariel for the downstairs shack . A 1/2 wave 80M long
> > wire currently strung as a sloper over the cliff till I can get a rope
> > over a branch in the big butternut tree. Worked first time I tryed it
> > which is always a good sign. Even heard Larry on (NE1S) It is a
> > multibander and I was on 40M with it for its initial tryout.
> >
> I was hearing you pretty well, Don. I was only running 20W with the
> plastic radio as I could get it on the air in a hurry with it- I didn't
> want to miss you. Got your personal Email about the intermitttant
> problem with the DX-60 - guess that's why you disappeared. I think you
> may be on the right track suspecting your crystal with marginal
> activity, especially since you had said you had done some grinding on
> it. I've heard that sometimes carefully putting a bevel on the edges can
> help maintain the activity. Also, unless near-perfect parallelism is
> maintained during grinding activity can suffer.
>
> > Also finished and used another wooden key.
> > Did the code test thing too from the program that was posted here. If
> > I don't look when copying I can run 100% till I lose my concentration
> > when my feeble mind starts to wander or wonder. Somehow I got in the
> > bad habit of reading while copying which distracts me from the signal.
> > Have been trying to practice everyday if possible.
> > Don VE3LYX
> >
> Nothing like getting on the air and using the code in QSO to increase

> your proficiency - something I should be doing more of myself.
>
> 73,
> -Larry/NE1S

Thanks Larry,
I wondered if this tube would work . It seeems to but I had thought a parallel pair in the form of a double triode would also get me in the ball park. (Or I suppose I could add another 6J5.) I had wondered if was crazy to think that. As you have already guessed I am trying to stop the modulator from eating up my B circuit power and yet still do the job. Sort of like trying to really celebrate your birthday without gaining weight. I explore a lot of things and each step good or bad I learn something. Thanks for the tip.
I can plainly see from here though my next stop will be Plate Modulation. I have 8 1625s NOS just looking for something to do. A Parallel pair modulating a parallel pair would seem like a logical step.
The big attraction of course for this current type of modulation is you just unplug the key and plug in the tube ,(supplying filament power of course.)I had'nt even thought about the plate disipation. My concentration was elsewhere. Now I have another tool to use for choosing. Thanks.
Going to wire up the Ps for the rx as well then try for an all Aircraft Radio QSO. (BC454 with a T18 moved to 80M)
You had a good signal here. I could hear you quite well. I use a beverage for listening. Low noise and good sensitivity I guess one would call it.
I have had that trouble before with this crystal and used to "off tune" slightly to make it work. I have bevelled it, played with it and rubbed on it but it has always been a bit stubborn. If I rub on it anymore I will be too high. I made all the ones in my DX60. Some I moved quite a long way. This one I believe from 6995. You know, when you dont use a set on a certain freq for awhile you forget about things like that. What is really dumb is I have a Hme Brw VFO which I normally use and it was warmed up but not switched in. I have checked a couple of times since with the VFO and power was good. I will test again a few times before deciding that was the only problem.
The radios seem to love the 80M 1/2 wave long wire/ Antenna tuner combination. In fact the radios seem to prefer it.
I added Cw to my Hmbrw transceiver. In fact I am upgrading its PS right now.
Wooden keys are very interesting . Nothing stays in your fist like a wooden sprung CW key. Feels like it is part of you.
Most of my CW problems are self-inflicted I have discovered. I tend to sleep when I drive the car and I tend to day-dream sort of, when I am working code. Trying to anticipate the message. I am practicing daily to eliminate this bad habit.
Hope to hear you on again and perhaps ragchew a bit. Yesterday it wasnt our party. Tim was kind enuf to give me a shot even if I was a PW.
73s
Don VE3LYX

>

7655. Looking for parts.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-02 17:26:35 UTC
From: ab9zg@ymail.com
Topic: 7655 Message: 7655

There are a bunch of parts that I am looking for and was hoping someone here might have. Top dollar paid (or good trades if you prefer).

1. Allen-Bradley Radiostat.

2. Lever-type tuning knob and dial plate for a 3/8" shaft.

3. Pilot Neutrograd variable capacitor, 5 or 7 plates. (The familiar Pilot midgets).

4. Daven grid leak holder.

5. Pyrex standoff insulators, as many as I can get, either the 7" or 3" variety.

6. UV-872 tube (Not 872A)

Jon

7656. RE: Looking for parts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-03 17:49:43 UTC
From: JAMES HANLON
Topic: 7656 Message: 7656

Jon,

One spot I always check when looking for the kind of parts you describe is Playthings of Past. Google them for their internet address. They have a large collection of all sorts of vintage parts at very reasonable prices.

Jim, W8KGI

7657. Matching transmitter to ANT.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-04 13:59:10 UTC
From: KG4KGL
Topic: 7657 Message: 7657

GM all,

I recently purchased a Heathkit DX-20 which has a coax output. My antenna is fed with a ladderline pair. Do I need to comstruct a 4:1 balun to match these two up?

My SS Transceiver (which will be used as the receiver, for now) has a coax connector and it attaches to this same antenna through a Johnson matchbox, but I don't want to run the DX-20 through the matchbox.

73,

Robert
KG4KGL

7658. Re: [AWA Group] Matching transmitter to ANT.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-04 15:49:29 UTC
From: Larry Szendrei
Topic: 7657 Message: 7658

On 3/4/13 8:59 AM, KG4KGL wrote:
>
> GM all,
>
> I recently purchased a Heathkit DX-20 which has a coax output. My
> antenna is fed with a ladderline pair. Do I need to comstruct a 4:1
> balun to match these two up?
>
> My SS Transceiver (which will be used as the receiver, for now) has a
> coax connector and it attaches to this same antenna through a Johnson
> matchbox, but I don't want to run the DX-20 through the matchbox.
>
Hi Robert,

The best thing to do is to run the DX-20 through the Matchbox, which would provide for multi-band operation, but you must have some practical constraint which makes that inconvenient. You could run through a 1:1 balun without the tuner on (or close to) a frequency for which the antenna is 1/2 wavelength end-to-end (i.e., the length in feet = 468/f (MHz)), or on an odd harmonic of that frequency. You may or may not be able to load the antenna this way on even harmonics, if the output network of the DX-20 has a wide enough range, but that is not advised because baluns typically don't like hi-Z.

73,
-Larry/NE1S

7659. Re: [AWA Group] Matching transmitter to ANT.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-04 16:46:47 UTC
From: KG4KGL
Topic: 7657 Message: 7659

Thanks Larry for your reply. No I do not have a practical restraint. I just want rd to the transmitter connected directly to the antenna and let the pi-network output circuit do all of the antenna matching.

Does anyone have a used coax switch they would be willing to sell?

73,

Robert
KG4KGL

On Mar 4, 2013, at 10:49, Larry Szendrei <ne1s@...> wrote:

> On 3/4/13 8:59 AM, KG4KGL wrote:
>>
>> GM all,
>>
>> I recently purchased a Heathkit DX-20 which has a coax output. My antenna is fed with a ladderline pair. Do I need to comstruct a 4:1 balun to match these two up?
>>
>> My SS Transceiver (which will be used as the receiver, for now) has a coax connector and it attaches to this same antenna through a Johnson matchbox, but I don't want to run the DX-20 through the matchbox.
> Hi Robert,
>
> The best thing to do is to run the DX-20 through the Matchbox, which would provide for multi-band operation, but you must have some practical constraint which makes that inconvenient. You could run through a 1:1 balun without the tuner on (or close to) a frequency for which the antenna is 1/2 wavelength end-to-end (i.e., the length in feet = 468/f (MHz)), or on an odd harmonic of that frequency. You may or may not be able to load the antenna this way on even harmonics, if the output network of the DX-20 has a wide enough range, but that is not advised because baluns typically don't like hi-Z.
>
> 73,
> -Larry/NE1S
>

7660. Wanted!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-04 18:19:47 UTC
From: Roger Kuchera
Topic: 7660 Message: 7660

Gentlemen,
I am looking for a VFO, preferably a Heathkit VF-1 or as a second choice a Johnson Model 122. I would prefer it be working but that is not an absolute necessity. It should be mechanically complete with not extra holes. A manual or copy thereof for a VF-1 would be nice. Heath manuals can no longer be found on BAMA. I already have one for the Johnson product.

I would be willing to trade for my spare SW-3! It has 40 and 80 meter coils wound on Jim Fred forms. No power supply or tubes are included.

Please let me know what it is and it's condition via email.

Thank you.

CUL, Roger/K1TG

7661. Re: [AWA Group] RE: Looking for parts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-05 17:01:21 UTC
From: Jon Delventhal
Topic: 7656 Message: 7661

Thanks Jim.

Playthings of Past is always my first choice. In fact, I bought two UV-872 tubes, three of those grid leak holders, and one of those rheostats from him.

I would be happy to pay $125 or trade an 845 or 852 tube for another Radiostat.

Jon

From: JAMES HANLON <knjhanlon@...>
To: AWA Group <awagroup@...m>; "ab9zg@..." <ab9zg@...>
Sent: Sunday, March 3, 2013 11:49 AM
Subject: [AWA Group] RE: Looking for parts

Jon,

One spot I always check when looking for the kind of parts you describe is Playthings of Past. Google them for their internet address. They have a large collection of all sorts of vintage parts at very reasonable prices.

Jim, W8KGI

7662. RE: Matching transmitter to ANT.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-05 18:21:05 UTC
From: JAMES HANLON
Topic: 7657 Message: 7662

Robert,

You would be MUCH better off to use the Johnson Matchbox with your DX-20. The impedance seen at the shack end of your open-wire feedline is a function of the impedance presented by the antenna at its feed point and the length of the transmission line in wavelengths. It is not likely to be an impedance that your balun would be designed to operate at, so the balun is likely to have a fair amount of loss. The Matchbox, on the other hand, is designed to match the random impedances presented by an open-wire transmission line with little to no loss. I would strongly advise that you use a 50 ohm SWR meter between the Matchbox and your DX-20, or to use the SWR meter built-in to the Matchbox if it has one, and to tune the matchbox for a 1:1 SWR (zero reflected power). That will give the DX-20 a 50 ohm load to look into, and it will happily work into that.

Jim Hanlon, W8KGI

7663. Re: [AWA Group] RE: Matching transmitter to ANT.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-05 19:30:01 UTC
From: KG4KGL
Topic: 7657 Message: 7663

Thanks Jim. That is what I have decided to do. With a coax switch, it is the easiest way to connect both the transmitter and receiver to the antenna.

73,

Robert
KG4KGL

On Mar 5, 2013, at 13:21, JAMES HANLON <knjhanlon@msn.com> wrote:

> Robert,
>
> You would be MUCH better off to use the Johnson Matchbox with your DX-20. The impedance seen at the shack end of your open-wire feedline is a function of the impedance presented by the antenna at its feed point and the length of the transmission line in wavelengths. It is not likely to be an impedance that your balun would be designed to operate at, so the balun is likely to have a fair amount of loss. The Matchbox, on the other hand, is designed to match the random impedances presented by an open-wire transmission line with little to no loss. I would strongly advise that you use a 50 ohm SWR meter between the Matchbox and your DX-20, or to use the SWR meter built-in to the Matchbox if it has one, and to tune the matchbox for a 1:1 SWR (zero reflected power). That will give the DX-20 a 50 ohm load to look into, and it will happily work into that.
>
> Jim Hanlon, W8KGI
>

7664. Your Morning Smile

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-09 12:13:17 UTC
From: Eddy Swynar
Topic: 7664 Message: 7664

Hi Guys,

Want to start the day right by having a good laugh...?

If so, go to this site & check-out the prices:

http://www.wurlitzer.com/collections/vacuum-tubes?page=1

Can you believe that they're actually sold out of more than a few varieties...?!

Who says you needed brains to be an audiophile, anyway...?

~73~ de Eddy VE3CUI - VE3XZ

7665. Re: [AWA Group] Your Morning Smile

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-09 12:19:32 UTC
From: Daniel Yoder
Topic: 7664 Message: 7665

Looks like a good market we hams could cash in on. Anybody who loves tubes
I like no matter what the reason.

On Sat, Mar 9, 2013 at 7:13 AM, Eddy Swynar <deswynar@...> wrote:

> **
>
>
> *Hi Guys,*
>
> Want to start the day right by having a good laugh...?
>
> If so, go to this site & check-out the prices:
>
> http://www.wurlitzer.com/collections/vacuum-tubes?page=1
>
> Can you believe that they're actually sold out of more than a few
> varieties...?!
>
> Who says you needed brains to be an audiophile, anyway...?
>
> *~73~ de Eddy VE3CUI - VE3XZ*
>
>
>

7666. Re: [AWA Group] Your Morning Smile

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-09 12:24:48 UTC
From: Eddy Swynar
Topic: 7664 Message: 7666

On 2013-03-09, at 7:19 AM, Daniel Yoder wrote:

> Looks like a good market we hams could cash in on. Anybody who loves tubes I like no matter what the reason.
>

Hi Dan,

Yes, indeed---just think of the retirement motherlode that most of us are sitting on right now...!

I recall just a few years ago mailing my "courtesy" Mullard 5AR4 to KA9QLF free / gratis, who needed one in the restoration of his son's guitar amplifier---and I see they want $150.00 for the very same tube to-day...!

It just boggles the mind, doesn't it...?!

~73~ de Eddy VE3CUI - VE3XZ

7667. John Rollins DX Contest activity?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-09 15:52:10 UTC
From: Ron Barlow
Topic: 7667 Message: 7667

Does anyone plan to be QRV, during the John Rollins event, tomorrow afternoon?
 I was unable to be QRV on Wednesday, and the 40M QRM will be too severe, for my QRP/broadband receiver lash up, this evening.
 I hoped to attempt to log a few QSOs, tomorrow afternoon, if there will be any activity.
73 de Ron n4gjv

7668. Re: [AWA Group] Your Morning Smile

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-10 10:44:30 UTC
From: Daniel Yoder
Topic: 7664 Message: 7668

Hi Eddy,

I saw on ebay and some feedback wannabe sites they were selling used bubblebees two for 39.00 and even the site musician friend claimed that they had new ones. With friends like that who needs Obama.
On Sat, Mar 9, 2013 at 7:24 AM, Eddy Swynar <deswynar@...> wrote:

> **
>
>
>
> On 2013-03-09, at 7:19 AM, Daniel Yoder wrote:
>
>
>
> Looks like a good market we hams could cash in on. Anybody who loves tubes
> I like no matter what the reason.
>
>
> *Hi Dan,*
>
> Yes, indeed---just think of the retirement motherlode that most of us are
> sitting on right now...!
>
> I recall just a few years ago mailing my "courtesy" *Mullard* *5AR4* to
> KA9QLF *free / gratis*, who needed one in the restoration of his son's
> guitar amplifier---and I see they want $150.00 for the very same tube
> to-day...!
>
> It just boggles the mind, doesn't it...?!
>
> *~73~ de Eddy VE3CUI - VE3XZ*
>
>
>

7669. flat top and cage antennas

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-10 13:49:00 UTC
From: Jim Robson
Topic: 7669 Message: 7669

Good morning,

Had a good visit with Lou last evening and the conversation turned to antennas. Would anybody have any construction plans or notes for flat top and cage antennas? Are they 'better' than my 80m dipole? Are they usable as a multi-band antenna with a tuner? I have lots of space and about 30 feet for height.

Any guidance would be appreciated.

73, Jim/VE3BHK

7670. Re: [AWA Group] flat top and cage antennas

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-10 12:53:47 UTC
From: Eddy Swynar
Topic: 7669 Message: 7670

On 2013-03-10, at 9:49 AM, Jim Robson wrote:
>
> Had a good visit with Lou last evening and the conversation turned to
> antennas. Would anybody have any construction plans or notes for flat
> top and cage antennas? Are they 'better' than my 80m dipole? Are they
> usable as a multi-band antenna with a tuner? I have lots of space and
> about 30 feet for height.
>
> Any guidance would be appreciated.
>
>

Hi Jim,

They're simply short verticals with large capacity hats, IMHO...

...And the advantages of verticals (even loaded ones) over low dipoles comes to the fore when working long distance stations.

If I recall correctly, Bill Orr stated that a vertical could be just 30% of its "natural" height before one loses any advantage of using such a low-angle emitter of RF---this would translate to something like a MINIMUM vertical span of some 20', or so, on 80-meters.

My suggestion...? Flat tops & cage antennas are fine if you crave the visual look & "nostalgia factor" of "vintage" antennas to go with your vintage gear---but they are a LOT of work, & probably more susceptible to the ravages of weather than other many sky hooks, IMHO. Far better to raise a simple inverted "L" for cross-continent QSOs, & keep your dipole for the close-in stuff.

My $0.02 worth, anyway, FWIW...

~73~ de Eddy VE3CUI - VE3XZ

7671. Cage

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-10 15:55:46 UTC
From: Louis Vermond
Topic: 7671 Message: 7671

Jim,

Eddie's right. A fond dream shared by 98% of us, but ....

Lou

7672. Re: [AWA Group] Cage

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-10 18:17:03 UTC
From: Jim Robson
Topic: 7671 Message: 7672

If I have this right, they would be an improvement over my current antenna and are unique, but they take lots of work? So /where/ would I find construction requirements? ;)

73, Jim/VE3BHK

On 10/03/13 11:55 AM, Louis Vermond wrote:
>
> Jim,
> Eddie's right. A fond dream shared by 98% of us, but ....
> Lou
>

7673. Re: [AWA Group] Cage

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-10 17:33:07 UTC
From: Eddy Swynar
Topic: 7671 Message: 7673

On 2013-03-10, at 2:17 PM, Jim Robson wrote:

> If I have this right, they would be an improvement over my current antenna and are unique, but they take lots of work? So where would I find construction requirements? ;)
>
>

Hi Jim,

I don't know just how extensive your collection of old ARRL HANDBOOKS or QST magazines might be, but there, surely, would be an ideal starting-point---anything from the 1920's would reveal info to you that has long since been lost to the ages...

Here's a source of some vintage literature that is now available, complete, on-line for you:

http://www.tubebooks.org/technical_books_online.htm

Do you know of anyone who might QST on CDs from the 20's...? Perhaps they could e-mail copiues of articles that would be relevant to you...

In any event, good luck!

~73~ de Eddy VE3CUI - VE3XZ

7674. Re: [AWA Group] Cage

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-10 18:45:07 UTC
From: Jim Robson
Topic: 7671 Message: 7674

Thanks, Eddy. I'll have a look. Found some info on a cage doublet here: http://www.wattfamily.org/antennas.html

73, Jim/VE3BHK

On 10/03/13 1:33 PM, Eddy Swynar wrote:
>
>
> On 2013-03-10, at 2:17 PM, Jim Robson wrote:
>
>> If I have this right, they would be an improvement over my current
>> antenna and are unique, but they take lots of work? So /where/ would
>> I find construction requirements? ;)
>>
>
>
> */Hi Jim,/*
>
> I don't know just how extensive your collection of old ARRL
> */HANDBOOKS/* or QST magazines might be, but there, surely, would be
> an ideal starting-point---anything from the 1920's would reveal info
> to you that has long since been lost to the ages...
>
> Here's a source of some vintage literature that is now available,
> complete, on-line for you:
>
> http:// www.tubebooks.org/technical_books_online.htm
> <http://www.tubebooks.org/technical_books_online.htm>
>
> Do you know of anyone who might */QST/* on CDs from the 20's...?
> Perhaps they could e-mail copiues of articles that would be relevant
> to you...
>
> In any event, good luck!
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>
>

7675. Re: [AWA Group] Cage

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-10 17:38:17 UTC
From: <ve7sl@...>
Topic: 7671 Message: 7675

> If I have this right, they would be an improvement over my current antenna
> and are unique,

If you presently use a ladder-line fed dipole style then I seriously doubt that this would be an improvement...as well as a pain in the butt to change bands with.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7676. Re: [AWA Group] Cage

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-10 18:52:12 UTC
From: Eddy Swynar
Topic: 7671 Message: 7676

On 2013-03-10, at 2:45 PM, Jim Robson wrote:

> Thanks, Eddy. I'll have a look. Found some info on a cage doublet here:
http://www.wattfamily.org/antennas.html
>

Hi Jim,

That's a LOT of work & trouble to have to endure in order to secure what is essentially a simple wide-band antenna, IMHO...

I agree with what someone here said earlier: go with the longest dipole you can muster, put it up as high as you can, & feed it with open-wire feedline---or at the very least, foam-type 300-ohm TV twin lead...

...And use a good, balanced-load transmatch & monimatch to complete the picture.

You'll make all the QSOs you can handle that way, AND on more than one band, too (besides, how well do you REALLY think that a classic cage-type antenna could survive a night's bought of freezing rain / wet heavy snow, such as we are wont to get here in "V3"-land...? And after all that work, too...!).

~73~ de Eddy VE3CUI - VE3XZ

7677. new coil

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-10 22:35:31 UTC
From: barry whittemore
Topic: 7677 Message: 7677

So I was at the Henniker NH hamfest today and i saw a nice coil made od #10 or maybe #8 wire and i thought it looked like it would make my Hartley work on 80 meters. well i bought it and by golly its a match. now i can do 2 bands with the old thing.
I also bought some old resistors, Caps and tube sockets.

73
barry
NF1O

7678. Re: [AWA Group] new coil

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-11 13:04:25 UTC
From: Larry Szendrei
Topic: 7677 Message: 7678

On 3/10/13 6:35 PM, barry whittemore wrote:
>
> So I was at the Henniker NH hamfest today and i saw a nice coil made
> od #10 or maybe #8 wire and i thought it looked like it would make my
> Hartley work on 80 meters. well i bought it and by golly its a match.
> now i can do 2 bands with the old thing.
> I also bought some old resistors, Caps and tube sockets.
>
Very good, Barry. Let me know if you'd like a test QSO on 80M.

See you at Nearfest.

-Larry/NE1S

7679. Re: [AWA Group] Cage

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-11 14:14:19 UTC
From: Don
Topic: 7671 Message: 7679

--- In AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@...> wrote:
>
>
> On 2013-03-10, at 2:45 PM, Jim Robson wrote:
>
> > Thanks, Eddy. I'll have a look. Found some info on a cage doublet here:
http://www.wattfamily.org/antennas.html
> >
>
>
> Hi Jim,
>
> That's a LOT of work & trouble to have to endure in order to secure what is essentially a simple wide-band antenna, IMHO...
>
> I agree with what someone here said earlier: go with the longest dipole you can muster, put it up as high as you can, & feed it with open-wire feedline---or at the very least, foam-type 300-ohm TV twin lead...
>
> ...And use a good, balanced-load transmatch & monimatch to complete the picture.
>
> You'll make all the QSOs you can handle that way, AND on more than one band, too (besides, how well do you REALLY think that a classic cage-type antenna could survive a night's bought of freezing rain / wet heavy snow, such as we are wont to get here in "V3"-land...? And after all that work, too...!).
>
> ~73~ de Eddy VE3CUI - VE3XZ

I just strung up a 1/2 wave long wire for 80M (132 fed with single line 66 feet.) Still have to finish raising the far end to full height but it appears to work better then what I was using before. I use a homebrew tuner to match it. Works on 40 and 80 well which is all my AM and CW stuff. I save the ssb for 20M in the upstairs shack.
This QTH has been a huge challenge since I moved here. At the old place, just up the road, all one had to do was breathe into the antenna and QSOs were plentiful. Here it is hard work so anything that works here gets a good grade from me. I have tried many antennas here. My old A3 cushcraft which worked great at the old place never got a single QSO here. A 40M vertical sort of worked. A 20M vertical is fantastic and a inverted L and an inverted Vee give reasonable service. In the downstairs shack I needed a decent antenna for my vintage stuff and Hmbrw stuff. I tried a vertical 40M, a base loaded HF vertical clamped to the upperdeck railing away from the house , a ground mounded magnetic loop all to no avail. The longwire worked first time I fed it, so it got the green light. Until you have lived at a Rf challenged QTH I dont know if one really understsands some of the difficulties that crop up. Even after 31 years of hamming I find this place challenging to work out of. One thing I did learn here was to use a beverage for listening. So quiet noise wise I was sure at first it wasnt working and I can hear stuff on it I can not even find on my other

antennas. Easy too. Some insulated wire wound along the rail fence for a hundred plus feet. Who knew? Not everyone gets the same results with the same antenna. I can appreciate now those who search for more from their QTH. A few years back before I moved here,I may not have.We dont all face the same challenges to hear or get out.
Don VE3LYX
>

7680. RE: [AWA Group] new coil

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-11 15:22:52 UTC
From: barry whittemore
Topic: 7677 Message: 7680

Thanks, Ill have to make up an 80 dipole to put up as temp. i had a 40 made up that i used for BK. My permanant antennas are all verts and also feed into the shack and i do not have room in the shack for the 29er. ill let you know when i get the ant made and up.
Barry

To: AWAGroup@yahoogroups.com
From: ne1s@...
Date: Mon, 11 Mar 2013 09:04:25 -0400
Subject: Re: [AWA Group] new coil

On 3/10/13 6:35 PM, barry whittemore wrote:

So I was at the Henniker NH hamfest today and i saw a nice coil made od #10 or maybe #8 wire and i thought it looked like it would make my Hartley work on 80 meters. well i bought it and by golly its a match. now i can do 2 bands with the old thing.
I also bought some old resistors, Caps and tube sockets.

Very good, Barry. Let me know if you'd like a test QSO on 80M.

See you at Nearfest.

-Larry/NE1S

7681. eBay Alert HB Rx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-11 17:36:08 UTC
From: Louis Vermond
Topic: 7681 Message: 7681
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/c-1929-Vintage-Antique-Homebrew-4-Tube-Radio-/310622110820?pt=US_Ham_Radio_Transmitters&hash=item4852854464

7682. Re the displayed circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-14 23:42:58 UTC
From: Don
Topic: 7682 Message: 7682

Now ur talkin! And even easier is the Hartley regen.
Don Ve3LYX

7683. eBay alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-15 14:22:14 UTC
From: KG4KGL
Topic: 1811 Message: 7683

Crosley model 50

eBay item # 151003546991

73,

Robert
KG4KGL

7684. Series cathode modulation improvement

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-15 18:37:54 UTC
From: Don
Topic: 7684 Message: 7684

A I had mentioned before I had built the ARRL 1956 Handbook Simple Grid Modulator which is really a series cathode modultor. (Plugs in the CW key hole of any cathode keyed rig placing the modulting tube between its cathode and ground or "IN SERIES.") I had also built a couple of carbon mic cathode modulators. One for my TNT and one for my ARC5 rig. Both worked well but it bothered my the simpler version worked far better then the fancy one so I went on a hunt to find out why. Here is what I found and it changes everything. In the circuit found on page 250 of the 1956 ARRL book the mic input is fed to ground and to the grid directly of the first triode section of the 6sl7. Its grid is biased by a 2.2 megohm resistor aka R1. When you plug a mic into this circuit the mics resistance or impedance is in parallel with this 2.2 meg resistor exactly and depending on what mic you have the resistance (or grid bias)will now always be less then the mics resistance since it is parallel with R1. Maybe with a crystal mic of 10000 ohm Z it might be fine but all I had here was a couple of dynamic mics one of 500 u and one of 460u. Knowing normally in a circuit like this as with my triode modulators I would start with 5000 ohms (5K)grid bias I removed the 2.2 meg to ground (and cathode)and put a test resistor in series with the mic at the mic jack. This establishes for me my DC tube voltages as needed . To get my AC stuff in or in this case AF I bypassed that first with a .04 I had lying around. A couple of hours later spurred on by the instant HUGE improvement in the modulators performance I arrived at 1.2K grid resistor to the mic center conductor (which is completed to ground and cathode through the mic) bypassed with a .1 cap from center conductor in to the grid (parallel with my 1.2 k resistor.) WOW ! is all I can say. This modulator now makes the others look weak. Better Plate current through the tube with the ARRL deal (Than my triode /carbon mic deals) and now finally rich deep full and adjustable modulation.
Don VE3LYX

7685. Re: Series cathode modulation improvement

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-15 22:00:44 UTC
From: Don
Topic: 7684 Message: 7685

I arrived at 12K (Twelve not 1.2))grid resistor to the mic center conductor (which is completed to ground and
> Don VE3LYX
>

7686. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-17 23:41:44 UTC
From: Louis Vermond
Topic: 130 Message: 7686
Attachments: 1 described; binary payloads are missing from this source WARC

3h 21m left

http://www.ebay.com/itm/VINTAGE-EARLY-WIRELESS-MARCONI-ERA-NAVY-TYPE-LOOSE-COUPLER-CRYSTAL-RADIO-/230944166767?ssPageName=ADME:B:FSEL:US:1123

7687. spaghetti tubing?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-19 19:59:03 UTC
From: Louis Vermond
Topic: 7687 Message: 7687

spaghetti tubing

Hi,

Is there a on-line source for this? Specifically, the black rubberized cloth reinforced variety.

Tks, Lou
VE3AWA

7688. Canuck Buss Wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-19 20:48:54 UTC
From: Louis Vermond
Topic: 7688 Message: 7688

Canucks,

Where do you get your tinned buss wire?

Tks, Lou

7689. Re: [AWA Group] spaghetti tubing?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-19 21:45:17 UTC
From: Leonard Meek
Topic: 7687 Message: 7689

There's a black tubing called Varnished Cambric. You might be able to get it from a motor rewinding shop. There's also a red rubberized tubing but I think it's silicon rubber for high temps. We also had that at the motor rewind shop I used to work at.
----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Tuesday, March 19, 2013 9:59 AM
Subject: [AWA Group] spaghetti tubing?

spaghetti tubing

Hi,

Is there a on-line source for this? Specifically, the black rubberized cloth reinforced variety.

Tks, Lou
VE3AWA

7690. Some Goodies I Stumbled Across...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-20 14:24:28 UTC
From: Eddy Swynar
Topic: 7690 Message: 7690

Hi Guys,

Here are some goodies that I came upon during the course of my net surfing---may be of interest to a few of the gang...

VE1ACB (WAYNE)
LISTED MARCH 11, 2013
ve1acb@...
506-279-2272
(S) Collection of ARRL hand books. Three are very old.3rd,9th and 12th edition
all in great condition. The rest are in the 40's 50's 60,70,80 and 90's
Call for price. Sold as a lot.

And...

leaving radio hobby, as where I moved to does not allow antennas, so I have the following for sale:

(11) Johnson Viking Ranger II, no mods, original with new 6146's, original owner's manual, and others, great shape, with turner desk mic, $300.00 shipped within canada

NO TIRE KICKERS, No PAYPAL or Western Union SCAMS PLEASE just good ol' cash or postal money orders only!
Will ship to N.America, shipping to be paid by Buyer, NO EXCEPTIONS So DONT ASK. All equipment is located in Canada. Package deals possible, Thanks for reading my post.

Posted: Mon, 28 Jan. 2013 by npacificmariner@...

The usual disclaimers apply, of course...

~73!~ de Eddy VE3CUI- VE3XZ

7691. Re: [AWA Group] spaghetti tubing?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-20 14:29:09 UTC
From: Louis Vermond
Topic: 7687 Message: 7691

Thank you, Leonard. 73, Lou

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2013-03-19 5:45 PM
Subject: Re: [AWA Group] spaghetti tubing?

There's a black tubing called Varnished Cambric. You might be able to get it from a motor rewinding shop. There's also a red rubberized tubing but I think it's silicon rubber for high temps. We also had that at the motor rewind shop I used to work at.
----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Tuesday, March 19, 2013 9:59 AM
Subject: [AWA Group] spaghetti tubing?

spaghetti tubing

Hi,

Is there a on-line source for this? Specifically, the black rubberized cloth reinforced variety.

Tks, Lou
VE3AWA

7692. Cotton Covered Wire

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-20 15:19:50 UTC
From: Louis Vermond
Topic: 7692 Message: 7692

http://www.wires.co.uk/acatalog/dcc_wire.html

7693. Re: spaghetti tubing?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-20 17:29:08 UTC
From: kb7gp_dave
Topic: 7687 Message: 7693

Not exactly what you are looking for but may be a possible lead:

http://www.tubesandmore.com/search/node/SPAGETTI

Dave KB7GP

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> spaghetti tubing
>
> Hi,
>
> Is there a on-line source for this? Specifically, the black rubberized cloth reinforced variety.
>
> Tks, Lou
> VE3AWA
>

7694. Re: [AWA Group] Re: spaghetti tubing?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-20 18:12:31 UTC
From: Louis Vermond
Topic: 7687 Message: 7694

Yes, I saw that, Dave. Maybe along with motor re-winders, a visit to a transformer manufacturer would be helpful.

As a side note....Tks to Jim, VE3BHK I found this old style hook-up wire.
http://www.tubesandmore.com/products/S-W704L-25

73, Lou

----- Original Message -----
From: kb7gp_dave
To: AWAGroup@yahoogroups.com
Sent: 2013-03-20 1:29 PM
Subject: [AWA Group] Re: spaghetti tubing?

Not exactly what you are looking for but may be a possible lead:

http://www.tubesandmore.com/search/node/SPAGETTI

Dave KB7GP

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> spaghetti tubing
>
> Hi,
>
> Is there a on-line source for this? Specifically, the black rubberized cloth reinforced variety.
>
> Tks, Lou
> VE3AWA
>

7695. "STARK"-Brand 9-66 Dynamic Tube Tester

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-23 15:46:03 UTC
From: Eddy Swynar
Topic: 7695 Message: 7695

Good Day All,

Does anyone else have one of these excellent testers in the shack...?

If so, is there any chance that yours may include the testing settings / parameters for relatively newer compactron tubes, such as the 6T9, 6U10, etc. etc.?

Many thanks!

~73~ de Eddy VE3CUI - VE3XZ

7696. Re: [AWA Group] "STARK"-Brand 9-66 Dynamic Tube Tester

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-23 22:31:01 UTC
From: Louis Vermond
Topic: 7695 Message: 7696

http://www.ebay.com/itm/Stark-9-66-Tube-Tester-Instructions-and-Test-Data-/110632458468?pt=BI_Books_Manuals&hash=item19c23558e4

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2013-03-23 11:46 AM
Subject: [AWA Group] "STARK"-Brand 9-66 Dynamic Tube Tester

Good Day All,

Does anyone else have one of these excellent testers in the shack...?

If so, is there any chance that yours may include the testing settings / parameters for relatively newer compactron tubes, such as the 6T9, 6U10, etc. etc.?

Many thanks!

~73~ de Eddy VE3CUI - VE3XZ

7697. Re: [AWA Group] "STARK"-Brand 9-66 Dynamic Tube Tester

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-24 11:23:54 UTC
From: Eddy Swynar
Topic: 7695 Message: 7697

Hi Lou,

Thanks for that link, but I already have the tester, AND probably 99% of the test data---just need info on compactron parameters here...

~73~ de Eddy VE3CUI - VE3XZ

On 2013-03-23, at 6:31 PM, Louis Vermond wrote:

>
> http://www.ebay.com/itm/Stark-9-66-Tube-Tester-Instructions-and-Test-Data-/110632458468?pt=BI_Books_Manuals&hash=item19c23558e4
>
>
>
> ----- Original Message -----
> From: Eddy Swynar
> To: AWAGroup@yahoogroups.com
> Sent: 2013-03-23 11:46 AM
> Subject: [AWA Group] "STARK"-Brand 9-66 Dynamic Tube Tester
>
>
> Good Day All,
>
>
> Does anyone else have one of these excellent testers in the shack...?
>
> If so, is there any chance that yours may include the testing settings / parameters for relatively newer compactron tubes, such as the 6T9, 6U10, etc. etc.?
>
> Many thanks!
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
>

7698. Re: [AWA Group] "STARK"-Brand 9-66 Dynamic Tube Tester

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-24 14:18:42 UTC
From: Louis Vermond
Topic: 7695 Message: 7698

Thought maybe that would have just that.

Spring, Lou

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2013-03-24 7:23 AM
Subject: Re: [AWA Group] "STARK"-Brand 9-66 Dynamic Tube Tester

Hi Lou,

Thanks for that link, but I already have the tester, AND probably 99% of the test data---just need info on compactron parameters here...

~73~ de Eddy VE3CUI - VE3XZ

On 2013-03-23, at 6:31 PM, Louis Vermond wrote:

http://www.ebay.com/itm/Stark-9-66-Tube-Tester-Instructions-and-Test-Data-/110632458468?pt=BI_Books_Manuals&hash=item19c23558e4

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2013-03-23 11:46 AM
Subject: [AWA Group] "STARK"-Brand 9-66 Dynamic Tube Tester

Good Day All,

Does anyone else have one of these excellent testers in the shack...?

If so, is there any chance that yours may include the testing settings / parameters for relatively newer compactron tubes, such as the 6T9, 6U10, etc. etc.?

Many thanks!

~73~ de Eddy VE3CUI - VE3XZ

7699. "STARK"-Brand 9-66 Dynamic Tube Tester

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-24 15:53:39 UTC
From: Eddy Swynar
Topic: 7695 Message: 7699

Good Day Again All,

Many thanks to all who took the time to respond to my request for compactron test parameters / settings for my tube tester...

I am happy to note that I have now secured the information that I was seeking, thanks to a most helpful & generous Amateur.

Again, I sincerely appreciate the responses from all those who took precious moments from their otherwise busy schedules to contact me...

~73!~ de Eddy VE3CUI - VE3XZ

7700. Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-25 02:16:48 UTC
From: Roger Kuchera
Topic: 7700 Message: 7700

Gentlemen,
Is there any one who could tell me what the length of the piece of RG-58/U, the output cable, that was supplied with the kit? Barring that can anyone measure their cable and let me know what they find.

It's not in the manual. I could not find any thing on the net about the cable length.

Thanks.

CUL, Roger/K1TG

7701. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-25 02:37:01 UTC
From: KG4KGL
Topic: 7700 Message: 7701

GE Roger,

I just bought a VF-1 to go along with a recently purchased DX-20. The cable length is 31 inches.

Robert
KG4KGL

On Mar 24, 2013, at 10:16 PM, Roger Kuchera <rwkuchera@...> wrote:

> Gentlemen,
> Is there any one who could tell me what the length of the piece of
> RG-58/U, the output cable, that was supplied with the kit? Barring that
> can anyone measure their cable and let me know what they find.
>
> It's not in the manual. I could not find any thing on the net about
> the cable length.
>
> Thanks.
>
> CUL, Roger/K1TG
>

7702. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-25 12:09:08 UTC
From: Don
Topic: 7700 Message: 7702

--- In AWAGroup@yahoogroups.com, KG4KGL <kg4kgl@...> wrote:
>Must be Heathkit VFO weekend. I built one for my Dx60B and after using it successfully for a long time it just quit friday. First job today is to repair it.
I would love to find a disabled but repairable (aka "real cheap")DX60B and revamp it to include an onboard VFO. Also a good power boost.
You were fortunate to find a VF1. I had no luck with that or the newer one hence I made one. Didnt draw a schematic of my design and now cant quite remember how I made it. My coax was about 15 inches. Where I messed up was my power cable was a bit short.it worked but I couldnt move the VFO more then an inch or so. That cable BTW need gos shielding.
Don VE3LYX
> GE Roger,
>
> I just bought a VF-1 to go along with a recently purchased DX-20. The cable length is 31 inches.
>
> Robert
> KG4KGL
>
>
> On Mar 24, 2013, at 10:16 PM, Roger Kuchera <rwkuchera@...> wrote:
>
> > Gentlemen,
> > Is there any one who could tell me what the length of the piece of
> > RG-58/U, the output cable, that was supplied with the kit? Barring that
> > can anyone measure their cable and let me know what they find.
> >
> > It's not in the manual. I could not find any thing on the net about
> > the cable length.
> >
> > Thanks.
> >
> > CUL, Roger/K1TG
> >
>

7703. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-25 17:49:31 UTC
From: Roger Kuchera
Topic: 7700 Message: 7703

Howdy Don,
The 31" measurement is a big help. Mine measured 26". It was hard-wired to the VF-1 cabinet but I just took that out. I substituted a BNC bulkhead connector (female) and I have a cable made-up with a male BNC on one end and an old FT-243 xtal body and pins on the other. It will make it more convenient to use. The capacitance of the the coax figures into the output impedance of the unit. therefore the length of the cable is important.
BTW: There are several easy mods to the VF-1 that make it less prone to chirp and another which will give you either cathode or grid-block keying capability. If your interested I will forward the data I have.
Thanks for the info.
CULL, Roger/K1TG

--- On Mon, 3/25/13, Don <dulmagedon@...> wrote:

From: Don <dulmagedon@...>
Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
To: AWAGroup@yahoogroups.com
Date: Monday, March 25, 2013, 8:09 AM

--- In AWAGroup@yahoogroups.com, KG4KGL <kg4kgl@...> wrote:
>Must be Heathkit VFO weekend. I built one for my Dx60B and after using it successfully for a long time it just quit friday. First job today is to repair it.
I would love to find a disabled but repairable (aka "real cheap")DX60B and revamp it to include an onboard VFO. Also a good power boost.
You were fortunate to find a VF1. I had no luck with that or the newer one hence I made one. Didnt draw a schematic of my design and now cant quite remember how I made it. My coax was about 15 inches. Where I messed up was my power cable was a bit short.it worked but I couldnt move the VFO more then an inch or so. That cable BTW need gos shielding.
Don VE3LYX
> GE Roger,
>
> I just bought a VF-1 to go along with a recently purchased DX-20. The cable length is 31 inches.
>
> Robert
> KG4KGL
>
>
> On Mar 24, 2013, at 10:16 PM, Roger Kuchera <rwkuchera@...> wrote:
>
> > Gentlemen,
> > Is there any one who could tell me what the length of the piece of
> > RG-58/U, the output cable, that was supplied with the kit? Barring that
> > can anyone measure their cable and let me know what they find.
> >
> > It's not in the manual. I could not find any thing on the net about

> > the cable length.
> >
> > Thanks.
> >
> > CUL, Roger/K1TG
> >
>

Yahoo! Groups Links

7704. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-25 17:51:47 UTC
From: Roger Kuchera
Topic: 7700 Message: 7704

Howdy Bob, Thanks for the data. Mine was only 26 inches long. The length is important becauseof the coax capacity-per-foot.
CUL, Roger/K1TG

--- On Sun, 3/24/13, KG4KGL <kg4kgl@...> wrote:

From: KG4KGL <kg4kgl@...>
Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Cc: "AWAgroup@yahoogroups.com" <AWAgroup@yahoogroups.com>
Date: Sunday, March 24, 2013, 10:37 PM

GE Roger,
I just bought a VF-1 to go along with a recently purchased DX-20. The cable length is 31 inches.
RobertKG4KGL

On Mar 24, 2013, at 10:16 PM, Roger Kuchera <rwkuchera@...> wrote:

Gentlemen,

Is there any one who could tell me what the length of the piece of

RG-58/U, the output cable, that was supplied with the kit? Barring that

can anyone measure their cable and let me know what they find.

It's not in the manual. I could not find any thing on the net about

the cable length.

Thanks.

CUL, Roger/K1TG

7705. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-25 19:31:52 UTC
From: KG4KGL
Topic: 7700 Message: 7705

GA Roger,

After looking at the schematic more closely, I see my VFO has been modded. On the side is a small potentiometer and a switch. I guess I will have to find out what they are for...

Robert
KG4KGL

On Mar 25, 2013, at 1:51 PM, Roger Kuchera <rwkuchera@...> wrote:

>
> Howdy Bob,
> Thanks for the data. Mine was only 26 inches long. The length is important because
> of the coax capacity-per-foot.
>
> CUL, Roger/K1TG
>
> --- On Sun, 3/24/13, KG4KGL <kg4kgl@...> wrote:
>
> From: KG4KGL <kg4kgl@gmail.com>
> Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
> To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
> Cc: "AWAgroup@yahoogroups.com" <AWAgroup@yahoogroups.com>
> Date: Sunday, March 24, 2013, 10:37 PM
>
>
>
> GE Roger,
>
> I just bought a VF-1 to go along with a recently purchased DX-20. The cable length is 31
inches.
>
> Robert
> KG4KGL
>
>
> On Mar 24, 2013, at 10:16 PM, Roger Kuchera <rwkuchera@...> wrote:
>
>>
>> Gentlemen,
>> Is there any one who could tell me what the length of the piece of
>> RG-58/U, the output cable, that was supplied with the kit? Barring that
>> can anyone measure their cable and let me know what they find.
>>
>> It's not in the manual. I could not find any thing on the net about
>> the cable length.

>>
>> Thanks.
>>
>> CUL, Roger/K1TG
>
>
>

7706. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-25 23:49:41 UTC
From: Don
Topic: 7700 Message: 7706

--- In AWAGroup@yahoogroups.com, Roger Kuchera <rwkuchera@...> wrote:
>
> Howdy Don,
> The 31" measurement is a big help. Mine measured 26". It was hard-wired to the VF-1 cabinet but I just took that out. I substituted a BNC bulkhead connector (female) and I have a cable made-up with a male BNC on one end and an old FT-243 xtal body and pins on the other. It will make it more convenient to use. The capacitance of the the coax figures into the output impedance of the unit. therefore the length of the cable is important.
> BTW: There are several easy mods to the VF-1 that make it less prone to chirp and another which will give you either cathode or grid-block keying capability. If your interested I will forward the data I have.
> Thanks for the info.
> CULL, Roger/K1TG
Roger. You mentioned crystal pins . Does the VF1 plug into a crystal socket in the Dx20? I use my VFO on a DX60B. It has the goofy RCA phono plug. The only complaint I have is the VFO is always live if I use press to talk which I do on AM. The crystals appear to be not osc when the key is up but the VFO is always on. (I use a foot switch in the key jack for PPT as the wafer standby switch is the #1 failure for these rigs. If I wasnt so cheap I would have bough a relay both the PTT and VFO.I was working on it today and am very pleased with its new performance. It is a 12ax7 osc/ PA deal. All homebrew built in a Walmart stainless steel "George" kleenex box cover.
Don VE3LYX
>
>
> --- On Mon, 3/25/13, Don <dulmagedon@...> wrote:
>
> From: Don <dulmagedon@...>
> Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
> To: AWAGroup@yahoogroups.com
> Date: Monday, March 25, 2013, 8:09 AM
>
>
>
> --- In AWAGroup@yahoogroups.com, KG4KGL <kg4kgl@> wrote:
> >Must be Heathkit VFO weekend. I built one for my Dx60B and after using it successfully for a long time it just quit friday. First job today is to repair it.
> I would love to find a disabled but repairable (aka "real cheap")DX60B and revamp it to include an onboard VFO. Also a good power boost.
> You were fortunate to find a VF1. I had no luck with that or the newer one hence I made one. Didnt draw a schematic of my design and now cant quite remember how I made it. My coax was about 15 inches. Where I messed up was my power cable was a bit short.it worked but I couldnt move the VFO more then an inch or so. That cable BTW need gos shielding.
> Don VE3LYX
> > GE Roger,
> >

> > I just bought a VF-1 to go along with a recently purchased DX-20. The cable length is 31 inches.
> >
> > Robert
> > KG4KGL
> >
> >
> > On Mar 24, 2013, at 10:16 PM, Roger Kuchera <rwkuchera@> wrote:
> >
> > > Gentlemen,
> > > Is there any one who could tell me what the length of the piece of
> > > RG-58/U, the output cable, that was supplied with the kit? Barring that
> > > can anyone measure their cable and let me know what they find.
> > >
> > > It's not in the manual. I could not find any thing on the net about
> > > the cable length.
> > >
> > > Thanks.
> > >
> > > CUL, Roger/K1TG
> > >
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> ---
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> Yahoo! Groups Links
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7707. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-26 01:27:26 UTC
From: KG4KGL
Topic: 7700 Message: 7707

Hello Don,

Yes the VF-1 plugs into the crystal socket on a DX-20. My VF-1 also has the RCA plug and I will have to figure a way to install a female RCA plug in the transmitter.

Robert
KG4KGL

On Mar 25, 2013, at 7:49 PM, "Don" <dulmagedon@...> wrote:

> Roger. You mentioned crystal pins . Does the VF1 plug into a crystal socket in the Dx20? I use my VFO on a DX60B. It has the goofy RCA phono plug. The only complaint I have is the VFO is always live if I use press to talk which I do on AM. The crystals appear to be not osc when the key is up but the VFO is always on. (I use a foot switch in the key jack for PPT as the wafer standby switch is the #1 failure for these rigs. If I wasnt so cheap I would have bough a relay both the PTT and VFO.I was working on it today and am very pleased with its new performance. It is a 12ax7 osc/ PA deal. All homebrew built in a Walmart stainless steel "George" kleenex box cover.
> Don VE3LYX
>
>

7708. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-26 14:17:27 UTC
From: Roger Kuchera
Topic: 7700 Message: 7708

Howdy, Yes, indeed they can plug directly into any number of Heath TXs. The original kit camewith a connector that was designed for the old 300-ohm TV twin lead. Most of them Ihave seen use an old surplus FT-243 xtal holder as a connector. They gut the xtal parts,drill a hole in the top edge just big enough for the RG-58/U and solder the coax to theex-xtal pins.

According to the VF-1 experts (?) the VF-1 is much better than the HG-10 VFO. Ipersonally can't say one or the other. There are several mods delineated on the net. Iam in the process of installing them on mine.

The tuning rate on the VF-1 is rather quick. I have adapted a National Velvet Vernierto mine and that reduces the rate to roughly 8.5 turns to traverse 40 meters. It is not atrivial adaptation! It looks as ugly as sin but it is smooth, no backlash and the dial stayswherever you leave it.

A quick look a the schematic reveals why the oscillator is hot in both standby andon positions.

I'd be happy to share information with anyone interested.

CUL, Roger/K1TG

--- On Mon, 3/25/13, KG4KGL <kg4kgl@...> wrote:

From: KG4KGL <kg4kgl@...>
Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Monday, March 25, 2013, 9:27 PM

Hello Don,
Yes the VF-1 plugs into the crystal socket on a DX-20. My VF-1 also has the RCA plug and I will have to figure a way to install a female RCA plug in the transmitter.
RobertKG4KGL

On Mar 25, 2013, at 7:49 PM, "Don" <dulmagedon@...> wrote:

Roger. You mentioned crystal pins . Does the VF1 plug into a crystal socket in the Dx20? I use my VFO on a DX60B. It has the goofy RCA phono plug. The only complaint I have is the VFO is always live if I use press to talk which I do on AM. The crystals appear to be not osc when the key is up but the VFO is always on. (I use a foot switch in the key jack for PPT as the wafer standby switch is the #1 failure for these rigs. If I wasnt so cheap I would have bough a relay both the PTT and VFO.I was working on it today and am very pleased with its new performance. It is a 12ax7 osc/ PA deal. All homebrew built in a Walmart stainless steel "George" kleenex box cover.

Don VE3LYX

7709. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-26 14:30:17 UTC
From: Roger Kuchera
Topic: 7700 Message: 7709

Howdy Bob, That is a new one on me. The mods I have gathered don't use a pot. Maybe when youfigure it out, you could let me know.
  I have data on a grid-block keying arrangement for a Johnson Model 122 VFO but ituses a 12AU7, pot and a few parts. I wonder if it might be related to that?
CUL, Roger/K1TG

--- On Mon, 3/25/13, KG4KGL <kg4kgl@...> wrote:

From: KG4KGL <kg4kgl@...>
Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
To: "AWAGroup@yahoogroups.com" <AWAGroup@...m>
Date: Monday, March 25, 2013, 3:31 PM

GA Roger,
After looking at the schematic more closely, I see my VFO has been modded. On the side is a small potentiometer and a switch. I guess I will have to find out what they are for...
Robert KG4KGL

On Mar 25, 2013, at 1:51 PM, Roger Kuchera <rwkuchera@...> wrote:

Howdy Bob, Thanks for the data. Mine was only 26 inches long. The length is important becauseof the coax capacity-per-foot.
CUL, Roger/K1TG

--- On Sun, 3/24/13, KG4KGL <kg4kgl@...> wrote:

From: KG4KGL <kg4kgl@...>
Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Cc: "AWAgroup@yahoogroups.com" <AWAgroup@yahoogroups.com>
Date: Sunday, March 24, 2013, 10:37 PM

GE Roger,
I just bought a VF-1 to go along with a recently purchased DX-20. The cable length is 31 inches.
RobertKG4KGL

On Mar 24, 2013, at 10:16 PM, Roger Kuchera <rwkuchera@...> wrote:

Gentlemen,

Is there any one who could tell me what the length of the piece of

RG-58/U, the output cable, that was supplied with the kit? Barring that

can anyone measure their cable and let me know what they find.

It's not in the manual. I could not find any thing on the net about

the cable length.

Thanks.

CUL, Roger/K1TG

7710. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-26 14:41:10 UTC
From: KG4KGL
Topic: 7700 Message: 7710

On Mar 26, 2013, at 10:17 AM, Roger Kuchera spake thusly:

A quick look a the schematic reveals why the oscillator is hot in both standby and on positions.

I'd be happy to share information with anyone interested.

Roger,

Please do share your mods for the VFO

Tnx

Robert
KG4KGL

>

7711. Canadian Military Set FS

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-26 14:41:44 UTC
From: Eddy Swynar
Topic: 7711 Message: 7711

Hi Guys,

In case anyone might be lusting after one of these:

http://ontario.kijiji.ca/c-buy-and-sell-electronics-Wireless-Set-No-19-MKII-WW2-military-radio-transceiver-ham-WWII-W0QQAdIdZ468442562

Usual dic-claimers apply, of course...

~73~ de Eddy VE3CUI - VE3XZ

7712. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-26 14:45:54 UTC
From: KG4KGL
Topic: 7700 Message: 7712

I got into it after work. It was a variable cap, not a potentiometer. The wiring was as follows: a wire from the right most padder condenser (looking at the front of the unit) to the SPST switch, from the other side of the switch to the variable cap. That is where the mod ended. Either it was never finished or someone disconnected it because it did not work as planned.

Robert
KG4LGL

On Mar 26, 2013, at 10:30 AM, Roger Kuchera <rwkuchera@snet.net> wrote:

>
> Howdy Bob,
> That is a new one on me. The mods I have gathered don't use a pot. Maybe when you
> figure it out, you could let me know.
>
> I have data on a grid-block keying arrangement for a Johnson Model 122 VFO but it
> uses a 12AU7, pot and a few parts. I wonder if it might be related to that?
>
> CUL, Roger/K1TG
>
> --- On Mon, 3/25/13, KG4KGL <kg4kgl@...> wrote:
>
> From: KG4KGL <kg4kgl@...>
> Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
> To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
> Date: Monday, March 25, 2013, 3:31 PM
>
>
>
> GA Roger,
>
> After looking at the schematic more closely, I see my VFO has been modded. On the side is
a small potentiometer and a switch. I guess I will have to find out what they are for...
>
> Robert
> KG4KGL
>
>
> On Mar 25, 2013, at 1:51 PM, Roger Kuchera <rwkuchera@...> wrote:
>
>>
>> Howdy Bob,
>> Thanks for the data. Mine was only 26 inches long. The length is important because
>> of the coax capacity-per-foot.
>>

>> CUL, Roger/K1TG
>>
>> --- On Sun, 3/24/13, KG4KGL <kg4kgl@gmail.com> wrote:
>>
>> From: KG4KGL <kg4kgl@...>
>> Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
>> To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
>> Cc: "AWAgroup@yahoogroups.com" <AWAgroup@yahoogroups.com>
>> Date: Sunday, March 24, 2013, 10:37 PM
>>
>>
>>
>> GE Roger,
>>
>> I just bought a VF-1 to go along with a recently purchased DX-20. The cable length is 31 inches.
>>
>> Robert
>> KG4KGL
>>
>>
>> On Mar 24, 2013, at 10:16 PM, Roger Kuchera <rwkuchera@...> wrote:
>>
>>>
>>> Gentlemen,
>>> Is there any one who could tell me what the length of the piece of
>>> RG-58/U, the output cable, that was supplied with the kit? Barring that
>>> can anyone measure their cable and let me know what they find.
>>>
>>> It's not in the manual. I could not find any thing on the net about
>>> the cable length.
>>>
>>> Thanks.
>>>
>>> CUL, Roger/K1TG
>
>
>

7713. This BIG Enough For Ya...?!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-26 14:48:36 UTC
From: Eddy Swynar
Topic: 7713 Message: 7713

Hi Guys,

Trolling the net yielded this rather massive gem (below)...

Here's your chance to play AM BC'er on 160- and 80-meters!

~73~ de Eddy VE3CUI - VE3XZ

PS: The usual dis-claimers apply here...

Keith Densmore VE3TS [705-335-5585] in Val Rita ON has listed the following (03-25-2013 10:18:01):

For Sale (last updated 03-25-2013, listed 03-25-2013)
Manufacturer: RCA
Model: BTA 1R1
Price: Trade/sale
Plan a fishing trip up to Northern Ontario (Kapuskasing) and bring home a huge catch. I have an AM Broadcast transmitter for sale or trade. The make is an RCA BTA 1R1 which is a 1KW carrier power out transmitter, complete and unmodified. It runs a pair of 4-400 modulated by 4-400's. The rig is in good shape and will make an excellent hi power AM station. Currently crystalled on 1320 KHZ. These rigs can run remote from your operating position either through a control cable or through phone line remote controls (I have four of these which will be included). In addition I have a massive 220 volt power regulator to throw in. One of these transmitters sold recently on Ebay for 2000 but I would be happy to take a fair offer, or a trade. Email for Pix if you are interested. The radio is medium blue/grey door.
You can see what they look like here
http://www.isquare.com/personal_pages/bta.htm

7714. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-26 14:53:45 UTC
From: Roger Kuchera
Topic: 7700 Message: 7714

Whoever it was may have been trying to add another band (30 meters?). It would be easierto use the old 11 meter position and add fixed caps. If it doesn't appear functional, I wouldremove it, IMHO.
Roger.

--- On Tue, 3/26/13, KG4KGL <kg4kgl@...> wrote:

From: KG4KGL <kg4kgl@...>
Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Cc: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Tuesday, March 26, 2013, 10:45 AM

I got into it after work. It was a variable cap, not a potentiometer. The wiring was as follows: a wire from the right most padder condenser (looking at the front of the unit) to the SPST switch, from the other side of the switch to the variable cap. That is where the mod ended. Either it was never finished or someone disconnected it because it did not work as planned.

RobertKG4LGL
On Mar 26, 2013, at 10:30 AM, Roger Kuchera <rwkuchera@...> wrote:

Howdy Bob, That is a new one on me. The mods I have gathered don't use a pot. Maybe when youfigure it out, you could let me know.
I have data on a grid-block keying arrangement for a Johnson Model 122 VFO but ituses a 12AU7, pot and a few parts. I wonder if it might be related to that?
CUL, Roger/K1TG

--- On Mon, 3/25/13, KG4KGL <kg4kgl@...> wrote:

From: KG4KGL <kg4kgl@...>
Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Monday, March 25, 2013, 3:31 PM

GA Roger,
After looking at the schematic more closely, I see my VFO has been modded. On the side is a small potentiometer and a switch. I guess I will have to find out what they are for...
Robert KG4KGL

On Mar 25, 2013, at 1:51 PM, Roger Kuchera <rwkuchera@...> wrote:

Howdy Bob, Thanks for the data. Mine was only 26 inches long. The length is important becauseof the coax capacity-per-foot.
CUL, Roger/K1TG

--- On Sun, 3/24/13, KG4KGL <kg4kgl@...> wrote:

From: KG4KGL <kg4kgl@...>
Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Cc: "AWAgroup@yahoogroups.com" <AWAgroup@yahoogroups.com>
Date: Sunday, March 24, 2013, 10:37 PM

GE Roger,
I just bought a VF-1 to go along with a recently purchased DX-20. The cable length is 31 inches.
RobertKG4KGL

On Mar 24, 2013, at 10:16 PM, Roger Kuchera <rwkuchera@snet.net> wrote:

Gentlemen,

Is there any one who could tell me what the length of the piece of

RG-58/U, the output cable, that was supplied with the kit? Barring that

can anyone measure their cable and let me know what they find.

It's not in the manual. I could not find any thing on the net about

the cable length.

Thanks.

CUL, Roger/K1TG

7715. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-27 10:39:40 UTC
From: Don
Topic: 7700 Message: 7715

--- In AWAGroup@yahoogroups.com, KG4KGL <kg4kgl@...> wrote:
>
> I got into it after work. It was a variable cap, not a potentiometer. The wiring was as follows: a wire from the right most padder condenser (looking at the front of the unit) to the SPST switch, from the other side of the switch to the variable cap. That is where the mod ended. Either it was never finished or someone disconnected it because it did not work as planned.
>
> Robert
> KG4LGL
>
> On Mar 26, 2013, at 10:30 AM, Roger Kuchera <rwkuchera@...> wrote:
>
> >
> > Howdy Bob,
> > That is a new one on me. The mods I have gathered don't use a pot. Maybe when you
> > figure it out, you could let me know.
> >
> > I have data on a grid-block keying arrangement for a Johnson Model 122 VFO but it
> > uses a 12AU7, pot and a few parts. I wonder if it might be related to that?
> >
> > CUL, Roger/K1TG
> >
> > --- On Mon, 3/25/13, KG4KGL <kg4kgl@...> wrote:
> >
> > From: KG4KGL <kg4kgl@...>
> > Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
> > To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
> > Date: Monday, March 25, 2013, 3:31 PM
> >
> >
> >
> > GA Roger,
> >
> > After looking at the schematic more closely, I see my VFO has been modded. On the side is a small potentiometer and a switch. I guess I will have to find out what they are for...
> >
> > Robert
> > KG4KGL
> >
> >
> > On Mar 25, 2013, at 1:51 PM, Roger Kuchera <rwkuchera@...> wrote:
> >
> >>
> >> Howdy Bob,

> >> Thanks for the data. Mine was only 26 inches long. The length is important because
> >> of the coax capacity-per-foot.
> >>
> >> CUL, Roger/K1TG
> >>
> >> --- On Sun, 3/24/13, KG4KGL <kg4kgl@...> wrote:
> >>
> >> From: KG4KGL <kg4kgl@...>
> >> Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
> >> To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
> >> Cc: "AWAgroup@yahoogroups.com" <AWAgroup@yahoogroups.com>
> >> Date: Sunday, March 24, 2013, 10:37 PM
> >>
> >>
> >>
> >> GE Roger,
> >>
> >> I just bought a VF-1 to go along with a recently purchased DX-20. The cable length is
31 inches.
> >>
> >> Robert
> >> KG4KGL
> >>
> >>
> >> On Mar 24, 2013, at 10:16 PM, Roger Kuchera <rwkuchera@...> wrote:
> >>
> >>>
> >>> Gentlemen,
> >>> Is there any one who could tell me what the length of the piece of
> >>> RG-58/U, the output cable, that was supplied with the kit? Barring that
> >>> can anyone measure their cable and let me know what they find.
> >>>
> >>> It's not in the manual. I could not find any thing on the net about
> >>> the cable length.
> >>>
> >>> Thanks.
> >>>
> >>> CUL, Roger/K1TG
> >
It is probably to negotiate a portion of 40M . When a VFO is multiplied it doesnt always do everything we might wish. IE I can work 80M no trouble but when I go to 40m i can not get low in the band IE 3600 = 7200 on 40M. I have thought of addinga pader to mine although it isnt a heath. It is purely homebrew. A small variable would also give s fine control much like I do on some of my regen. Big main one for finding. Tiny trimmer for final tune. A electronic vernier ore or less. Yes I know why the VFO is hot. I have the manual and DX60B schematic It wasnt the why that bothered me. Currently I switch off VFO to X4 however I have been known to forget to switch it back which is followed by comments like "Where did Don go?"
Don VE3LYX
> >

> >
>

7716. Success with the Homebrew transceiver.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-27 10:45:40 UTC
From: Don
Topic: 7716 Message: 7716

Yesterday I was setting up the incremental transmitter tuning for the single control homebrew transceiver and called CQ on 40m a few times. No takers but later I got an email from a SWL in Boston. Said audio was a bit fuzzy but I was heard , just barely at S2 to S3. I believe I had the screen control too high as I have a bad habit of doing that and it makes the audio fuzzy. You think I would learn notto do that. Still tis exciting to know it was heard that far away.
Don VE3LYX

7717. Re: This BIG Enough For Ya...?!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-27 11:42:45 UTC
From: Don
Topic: 7713 Message: 7717

--- In AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@...> wrote:
>
> Hi Guys,
>
> Trolling the net yielded this rather massive gem (below)...
>
> Here's your chance to play AM BC'er on 160- and 80-meters!
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
> PS: The usual dis-claimers apply here...
> How low does it go.? Might be good for LF work with a bit of extra L added. Ok maybe a lot of exra L added.
Don VE3LYX
>
>
>
>
>
> Keith Densmore VE3TS [705-335-5585] in Val Rita ON has listed the following (03-25-2013 10:18:01):
>
> For Sale (last updated 03-25-2013, listed 03-25-2013)
> Manufacturer: RCA
> Model: BTA 1R1
> Price: Trade/sale
> Plan a fishing trip up to Northern Ontario (Kapuskasing) and bring home a huge catch. I have an AM Broadcast transmitter for sale or trade. The make is an RCA BTA 1R1 which is a 1KW carrier power out transmitter, complete and unmodified. It runs a pair of 4-400 modulated by 4-400's. The rig is in good shape and will make an excellent hi power AM station. Currently crystalled on 1320 KHZ. These rigs can run remote from your operating position either through a control cable or through phone line remote controls (I have four of these which will be included). In addition I have a massive 220 volt power regulator to throw in. One of these transmitters sold recently on Ebay for 2000 but I would be happy to take a fair offer, or a trade. Email for Pix if you are interested. The radio is medium blue/grey door.
> You can see what they look like here
> http://www.isquare.com/personal_pages/bta.htm
>

7718. Re: [AWA Group] Re: This BIG Enough For Ya...?!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-27 11:54:39 UTC
From: Eddy Swynar
Topic: 7713 Message: 7718

Hi Don,

These rigs are typically re-tuned to operate 160-meters, and sometimes even 75-meters---it really wouldn't take all that much to change them.

~73~ de Eddy VE3CUI - VE3XZ

On 2013-03-27, at 7:42 AM, Don wrote:

>
>
> --- In AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@...> wrote:
> >
> > Hi Guys,
> >
> > Trolling the net yielded this rather massive gem (below)...
> >
> > Here's your chance to play AM BC'er on 160- and 80-meters!
> >
> > ~73~ de Eddy VE3CUI - VE3XZ
> >
> > PS: The usual dis-claimers apply here...
> > How low does it go.? Might be good for LF work with a bit of extra L added. Ok maybe a lot of exra L added.
> Don VE3LYX
> >
> >
> >
> >
> >
> > Keith Densmore VE3TS [705-335-5585] in Val Rita ON has listed the following (03-25-2013 10:18:01):
> >
> > For Sale (last updated 03-25-2013, listed 03-25-2013)
> > Manufacturer: RCA
> > Model: BTA 1R1
> > Price: Trade/sale
> > Plan a fishing trip up to Northern Ontario (Kapuskasing) and bring home a huge catch. I have an AM Broadcast transmitter for sale or trade. The make is an RCA BTA 1R1 which is a 1KW carrier power out transmitter, complete and unmodified. It runs a pair of 4-400 modulated by 4-400's. The rig is in good shape and will make an excellent hi power AM station. Currently crystalled on 1320 KHZ. These rigs can run remote from your operating position either through a control cable or through phone line remote controls (I have four of these which will be included). In addition I have a massive 220 volt power regulator to throw in. One of these transmitters sold recently on Ebay for 2000 but I would be happy to take a fair offer, or a trade. Email for Pix if you are interested. The radio is medium

blue/grey door.
> > You can see what they look like here
> > http://www.isquare.com/personal_pages/bta.htm
> >
>
>
>

7719. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-27 12:34:43 UTC
From: KG4KGL
Topic: 7700 Message: 7719

On Mar 27, 2013, at 6:39 AM, "Don" <dulmagedon@...> wrote:
> It is probably to negotiate a portion of 40M . When a VFO is multiplied it doesnt always do everything we might wish. IE I can work 80M no trouble but when I go to 40m i can not get low in the band IE 3600 = 7200 on 40M. I have thought of addinga pader to mine although it isnt a heath. It is purely homebrew. A small variable would also give s fine control much like I do on some of my regen. Big main one for finding. Tiny trimmer for final tune. A electronic vernier ore or less. Yes I know why the VFO is hot. I have the manual and DX60B schematic It wasnt the why that bothered me. Currently I switch off VFO to X4 however I have been known to forget to switch it back which is followed by comments like "Where did Don go?"
> Don VE3LYX
>

Hello Don,

According to the specs then freq. range for the 40m band is 7000-7425khz

FWIW,

Robert
KG4KGL

7720. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-27 18:13:08 UTC
From: Roger Kuchera
Topic: 7700 Message: 7720

Hi Don, The need for additional capacity may be indicative of a need to align the VF-1. The 2rear trimmers have lock nuts on them, so don't force the adjustment. You have to takethe VF-1 out of the cabinet and loosen them.
CUL, Roger/K1TG

--- On Wed, 3/27/13, KG4KGL <kg4kgl@...> wrote:

From: KG4KGL <kg4kgl@...>
Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Cc: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Date: Wednesday, March 27, 2013, 8:34 AM

On Mar 27, 2013, at 6:39 AM, "Don" <dulmagedon@...> wrote:

It is probably to negotiate a portion of 40M . When a VFO is multiplied it doesnt always do everything we might wish. IE I can work 80M no trouble but when I go to 40m i can not get low in the band IE 3600 = 7200 on 40M. I have thought of addinga pader to mine although it isnt a heath. It is purely homebrew. A small variable would also give s fine control much like I do on some of my regen. Big main one for finding. Tiny trimmer for final tune. A electronic vernier ore or less. Yes I know why the VFO is hot. I have the manual and DX60B schematic It wasnt the why that bothered me. Currently I switch off VFO to X4 however I have been known to forget to switch it back which is followed by comments like "Where did Don go?"

Don VE3LYX
Hello Don,
According to the specs then freq. range for the 40m band is 7000-7425khz
FWIW,
RobertKG4KGL

7721. [AWA Group] Re: This BIG Enough For Ya...?!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-27 20:38:54 UTC
From: Don
Topic: 7713 Message: 7721

--- In AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@...> wrote:
>
> Hi Don,
>
> These rigs are typically re-tuned to operate 160-meters, and sometimes even
75-meters---it really wouldn't take all that much to change them.
>
> ~73~ de Eddy VE3CUI - VE3XZ
>
>
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>
> On 2013-03-27, at 7:42 AM, Don wrote:
>
> >
> >
> > --- In AWAGroup@yahoogroups.com, Eddy Swynar <deswynar@> wrote:
> > >
> > > Hi Guys,
> > >
> > > Trolling the net yielded this rather massive gem (below)...
> > >
> > > Here's your chance to play AM BC'er on 160- and 80-meters!
> > >
> > > ~73~ de Eddy VE3CUI - VE3XZ
> > >
> > > PS: The usual dis-claimers apply here...
> > > How low does it go.? Might be good for LF work with a bit of extra L added. Ok maybe
a lot of exra L added.
> > Don VE3LYX
> > >
> > >
> > >
> > >
> > >
> > > Keith Densmore VE3TS [705-335-5585] in Val Rita ON has listed the following
(03-25-2013 10:18:01):
> > >
> > > For Sale (last updated 03-25-2013, listed 03-25-2013)
> > > Manufacturer: RCA
> > > Model: BTA 1R1
> > > Price: Trade/sale

> > > Plan a fishing trip up to Northern Ontario (Kapuskasing) and bring home a huge catch. I have an AM Broadcast transmitter for sale or trade. The make is an RCA BTA 1R1 which is a 1KW carrier power out transmitter, complete and unmodified. It runs a pair of 4-400 modulated by 4-400's. The rig is in good shape and will make an excellent hi power AM station. Currently crystalled on 1320 KHZ. These rigs can run remote from your operating position either through a control cable or through phone line remote controls (I have four of these which will be included). In addition I have a massive 220 volt power regulator to throw in. One of these transmitters sold recently on Ebay for 2000 but I would be happy to take a fair offer, or a trade. Email for Pix if you are interested. The radio is medium blue/grey door.
> > > You can see what they look like here
> > > http://www.isquare.com/personal_pages/bta.htm

I was offered a set of those tubes. Service Pulls still good. The fellow reminded me Sunday they are coming. Now if I could just get the transmitter too!
Oh well . Can't have everything.
Don
> > >
> >
> >
> >
>

7722. Re: [AWA Group] Info needed on a Heathkit VF-1

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-27 20:51:36 UTC
From: Don
Topic: 7700 Message: 7722

--- In AWAGroup@yahoogroups.com, Roger Kuchera <rwkuchera@...> wrote:
>
> Hi Don, The need for additional capacity may be indicative of a need to align the VF-1. The 2rear trimmers have lock nuts on them, so don't force the adjustment. You have to takethe VF-1 out of the cabinet and loosen them.
> CUL, Roger/K1TG
>
> --- On Wed, 3/27/13, KG4KGL <kg4kgl@...> wrote:
Yeah but mine isnt a VF-1 it is a DKD-1 Homebrew.
I didnt worry to much about it because for some reason everyone seems to insist on running AM right on the Voice of Russia frequency (7290kcs) This I never understood since there is nothing going on down around 7200kc to 7215kc most days so I am good even down to 7214 however I made the mistake of suggesting that after axsking why everyone was working right on the broadcaster freq and then whining about the QRM. Stupid me! I should have known better then to question tradition. As far as that goes ,I also have the rocks and have ground all the ones I currently use. I have only a 75 pf ceramic trimmmer in my VFO for tuning (Because I had it "in stock")
Anyway I am glad you got yours going. I see there is one (VF-1)on Ebay as we speak.
Don VE3LYX
>
> From: KG4KGL <kg4kgl@...>
> Subject: Re: [AWA Group] Info needed on a Heathkit VF-1
> To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
> Cc: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
> Date: Wednesday, March 27, 2013, 8:34 AM
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> On Mar 27, 2013, at 6:39 AM, "Don" <dulmagedon@...> wrote:
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> It is probably to negotiate a portion of 40M . When a VFO is multiplied it doesnt always do everything we might wish. IE I can work 80M no trouble but when I go to 40m i can not get low in the band IE 3600 = 7200 on 40M. I have thought of addinga pader to mine although it isnt a heath. It is purely homebrew. A small variable would also give s fine control much like I do on some of my regen. Big main one for finding. Tiny trimmer for final tune. A electronic vernier ore or less. Yes I know why the VFO is hot. I have the manual and DX60B schematic It wasnt the why that bothered me. Currently I switch off VFO to X4 however I have been known to forget to switch it back which is followed by comments like "Where did Don go?"
>
> Don VE3LYX
> Hello Don,
> According to the specs then freq. range for the 40m band is 7000-7425khz
> FWIW,
> RobertKG4KGL
>

7723. Canadian Military Gear For Sale: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-28 14:55:53 UTC
From: Eddy Swynar
Topic: 7723 Message: 7723

Hi Guys,

Another piece of WW2 Canadian electronic military history that's up for grabs, in case you're interested:

http://ontario.kijiji.ca/c-buy-and-sell-electronics-R1155-British-WW2-military-radio-receiver-ham-RAF-Lancaster-WWII-W0QQAdIdZ468695733

NOTE: usual disclaimers apply yet again...

~73~ de Eddy VE3CUI - VE3XZ

7724. Re: [AWA Group] Canadian Military Gear For Sale: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-28 15:00:57 UTC
From: Louis Vermond
Topic: 7723 Message: 7724

Three hundred dollar headache.

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2013-03-28 10:55 AM
Subject: [AWA Group] Canadian Military Gear For Sale: PART DEUX

Hi Guys,

Another piece of WW2 Canadian electronic military history that's up for grabs, in case you're interested:

http://ontario.kijiji.ca/c-buy-and-sell-electronics-R1155-British-WW2-military-radio-receiver-ham-RAF-Lancaster-WWII-W0QQAdIdZ468695733

NOTE: usual disclaimers apply yet again...

~73~ de Eddy VE3CUI - VE3XZ

7725. Re: [AWA Group] Canadian Military Gear For Sale: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-28 15:03:54 UTC
From: Eddy Swynar
Topic: 7723 Message: 7725

On 2013-03-28, at 11:00 AM, Louis Vermond wrote:

>
> Three hundred dollar headache.
>
>

Yeah, kinda pricey, alright...

For the TRUE devotee, I guess!

~73~ de Eddy VE3CUI - VE3XZ
>
>

7726. Re: [AWA Group] Canadian Military Gear For Sale: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-28 17:30:14 UTC
From: Louis Vermond
Topic: 7723 Message: 7726

For the TRUE devotee, I guess!

I can relate to that. Having two, yet needing three, I forked out 47UKP for an Eddystone beehive.

254, Lou

7727. !!!...Ai Caramba...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-28 17:36:38 UTC
From: Eddy Swynar
Topic: 7727 Message: 7727

Speaking of true devotees!

http://www.ebay.com/itm/160930510151?ssPageName=STRK:MEWAX:IT&_trksid=p3984.m1423.l2649

~73~ de Eddy VE3CUI - VE3XZ

7728. Re: [AWA Group] !!!...Ai Caramba...!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-28 17:58:40 UTC
From: Steve
Topic: 7727 Message: 7728

http://www.ebay.com/itm/160930510151?ssPageName=STRK:MEWAX:IT&_trksid=p3984.m1423.l2649

I think he must be in Dreamland.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7729. Re: [AWA Group] Canadian Military Gear For Sale: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-28 18:22:01 UTC
From: Roger Kuchera
Topic: 7723 Message: 7729

What is "Deux?" Have they found a cure for it yet?
R.

--- On Thu, 3/28/13, Eddy Swynar <deswynar@...> wrote:

From: Eddy Swynar <deswynar@...>
Subject: [AWA Group] Canadian Military Gear For Sale: PART DEUX
To: AWAGroup@yahoogroups.com
Date: Thursday, March 28, 2013, 10:55 AM

Hi Guys,
Another piece of WW2 Canadian electronic military history that's up for grabs, in case you're interested:
http://ontario.kijiji.ca/c-buy-and-sell-electronics-R1155-British-WW2-military-radio-receiver-ham-RAF-Lancaster-WWII-W0QQAdIdZ468695733
NOTE: usual disclaimers apply yet again...
~73~ de Eddy VE3CUI - VE3XZ

7730. Re: [AWA Group] Canadian Military Gear For Sale: PART DEUX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-28 19:33:19 UTC
From: Eddy Swynar
Topic: 7723 Message: 7730

On 2013-03-28, at 2:22 PM, Roger Kuchera wrote:

> What is "Deux?" Have they found a cure for it yet?
>
>
.Alas & Alack, Roger...

They have not---and the current strain of the malaise seems to have grown immune to current antibiotics, as well...

The only known relief for the afflicted is plenty of chicken soup & sleep---or is that plenty of sleeping with plenty of chickens, and NO soup...? I don't know---I can't remember...

But it's a sad, sad, thing. truly sad...

~73~ de Eddy VE3CUI - VE3XZ

7731. LK 576-1 transformer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-29 01:28:04 UTC
From: Don
Topic: 7731 Message: 7731

I had one of these given to me. Anyone know the specs. Ie Voltages?
Don VE3LYX

7732. LK 576-1 transformer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-29 01:29:51 UTC
From: Don
Topic: 7731 Message: 7732

I had one of these given to me. Anyone know the specs. Ie Voltages?
Don VE3LYX

7733. Here's A VERY Rare One...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-30 15:00:13 UTC
From: Eddy Swynar
Topic: 7733 Message: 7733

Hi Guys,

You don't often see THESE rascals come up for sale very often! (NOTE: gleaned from THE ONTARIO SWAP SHOP. Usual dis-claimers apply).

~73~ de Eddy VE3CUI - VE3XZ

Keith Densmore VE3TS [705-335-5585] in Val Rita ON has listed the following (03-25-2013 10:18:01):

For Sale (last updated 03-25-2013, listed 03-25-2013)
Manufacturer: National
Model: HRO-500
Price: 500.00
I have a rare National HRO-500, the first quality transistorized receiver to hit the market in the early sixties. This one is in basic working condition about 80 percent finished. Has some synthesizer lock problems, and needs a 2 pin jones plug replaced on the back. Cosmetically very nice, some of the aluminium knobs need polished. No major dings holes or mods.
If you paste this address in your browser you can see a pix
http://media.angelfire.lycos.com/preview/3551965/1024x1024-2120750.jpg
Price is 500.00 or I'd like to work a trade for a high end communications receiver, Racal, WJ, Etc.

7734. Successful AM cathode modulation Contact.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-03-31 19:44:48 UTC
From: Don
Topic: 7734 Message: 7734

This morning I made a successful AM transmission using my cathode modulator to modulate my ARC5 T18 transmitter. I use the same cathode modulator I built for my 45 TNT. The reason for the sudden success was the use of the 45 tube in the modulator (instead of the DX235)which finally let the transmitter make enough power while being modulated o be heard. The contact was between me VE3LYX and Tim VE6PG at a distance in excess of 100 miles (ATCF). I am content with this and have learned a lot about cathode modulation in the process. The Arc 5 fed a coax patch cord through a 200pf cap to my Hb tuner , a classic Pi network. The tuner coupled it to a single end-feed wire going to my 1/2 wave long wire. (1/2 wave on 80M) and the feed line is 67 feet long. Band conditions were ok but not great. And so a long process of reviving the old TX , moving it to 80m and learning to modulate it with a very simple device have come to a close. For those who havent used on a cathode modulator of this style, it simple plugs in the CW key hole of any cathode keyed rig and is able to modulate it reasonably well despite its seeming simplcity. I drew up a schematic should anyone need it.
Don VE3LYX

7735. Re: [AWA Group] Successful AM cathode modulation Contact.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-01 01:10:57 UTC
From: Larry Szendrei
Topic: 7734 Message: 7735

On 3/31/13 3:44 PM, Don wrote:
>
> This morning I made a successful AM transmission using my cathode
> modulator to modulate my ARC5 T18 transmitter. I use the same cathode
> modulator I built for my 45 TNT. The reason for the sudden success was
> the use of the 45 tube in the modulator (instead of the DX235)which
> finally let the transmitter make enough power while being modulated o
> be heard. The contact was between me VE3LYX and Tim VE6PG at a
> distance in excess of 100 miles (ATCF).
>

Too much fun!

Congrats, Don! Leave that station set up - would love to hear it, but it
might be a challenge on 80M. Got a command set TX for 40M?

73,
-Larry/NE1S

7736. Re: [AWA Group] Successful AM cathode modulation Contact.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-01 01:33:19 UTC
From: Don
Topic: 7734 Message: 7736

--- In AWAGroup@yahoogroups.com, Larry Szendrei <ne1s@...> wrote:
>
> On 3/31/13 3:44 PM, Don wrote:
> >
> > This morning I made a successful AM transmission using my cathode
> > modulator to modulate my ARC5 T18 transmitter. I use the same cathode
> > modulator I built for my 45 TNT. The reason for the sudden success was
> > the use of the 45 tube in the modulator (instead of the DX235)which
> > finally let the transmitter make enough power while being modulated o
> > be heard. The contact was between me VE3LYX and Tim VE6PG at a
> > distance in excess of 100 miles (ATCF).
> >
>
> Too much fun!
>
> Congrats, Don! Leave that station set up - would love to hear it, but it
> might be a challenge on 80M. Got a command set TX for 40M?
>
> 73,
> -Larry/NE1S

Thanks Larry, As I am sure you know from your own experiments it was quite a thrill to have the whole deal come together. I think Tim was a bit excitied too.The XYL was waiting for me to come so I had only time for a short transmission. And waited long enough for Tim to give me a report. I will leave it set up . I can go anywhere on 80m although it becomes less efficient at the higher end of the band around 3800 plus. This was made at 3725kcs. No, I dont have a 40M command set. (yet! ;>))

>Band conditions we not as good as yesterday but still Tim could copy which is fine. Tim uses one of those coaxial loops for listening and a 129 Rx. It might be a stretch your way on 80m but if conditions were real good tis probably doable. I am working on a dual 811A AMP. Kinda outa my head but based on a single 811A design. The new antenna though helps. You heard me when first fed it a few weeks back. Then I had only the feed end up high. The other end was at about 7 or 8 feet.I now have that end up too, at the top of one of my taller trees so it has good height and is in the clear. It tunes well on both 40 and 80M. My DX60b likes it too. Jumps right to it when I modulate. Never did that on the inverted vee or inverted l up here in studio A. I tune up on THE BULB and then make a minor loading correction. I have a base loaded vertical here I never had a contact on although it tunes well so I have the coax for it on my old SWR FS meter on the trans in side and can finish the tune with it since it is far enough away from the longwire to give a decent reading of what is actually coming off the antenna. Anyway if we get a good day band wise I will give you a heads up and we will give it a shot. Tomorrow is dentist day so radio will have to wait.

All the best
Don VE3LYX

7737. Re: [AWA Group] Successful AM cathode modulation Contact.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-02 11:38:59 UTC
From: Don
Topic: 7734 Message: 7737

--- In AWAGroup@yahoogroups.com, Larry Szendrei <ne1s@...> wrote:
>
> On 3/31/13 3:44 PM, Don wrote:
Larry and any other interested persons
> If you are around I am going to put it on air this morning at approx 9 AM EST probably as soon as 3725kcs is clear. Weather is cold which seems to help and mornings are usually pretty good up till 10 AM or so. Normally there is a SSB group in there but they are very good about leavig it open for us Ont AMers at around 9 AM. Always nice when we respect each others interests or modes of operation.
Don VE3LYX
> >
>
> Too much fun!
>
> Congrats, Don! Leave that station set up - would love to hear it, but it
> might be a challenge on 80M. Got a command set TX for 40M?
>
> 73,
> -Larry/NE1S
>

7738. Re: [AWA Group] Successful AM cathode modulation Contact.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-02 13:08:50 UTC
From: Larry Szendrei
Topic: 7734 Message: 7738

On 4/2/13 7:38 AM, Don wrote:
>
>
>
> --- In AWAGroup@yahoogroups.com <mailto:AWAGroup%40yahoogroups.com>,
> Larry Szendrei <ne1s@...> wrote:
> >
> > On 3/31/13 3:44 PM, Don wrote:
> Larry and any other interested persons
> > If you are around I am going to put it on air this morning at approx
> 9 AM EST probably as soon as 3725kcs is clear.
>

Am listening on 3725 Kc/s presently at 9:07 AM. High noise level this morning, about S9.

-Larry

7739. Manual search

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-07 18:19:50 UTC
From: Roger Kuchera
Topic: 7739 Message: 7739

Gentlemen,
I am looking for a manual for a Hewlett-Packard 5316B, frequency counter. BAMA doesn't have any listings for H-P and the sites I looked at required "yet another" downloading program.

If any of our esteemed group has such a manual I would be happy to pay for copying and shipping costs. Barring that, info on where to find a PDF file on this would be a huge help to me.

As always, thank you for your time and effort.

CUL, Roger/K1TG

7740. New member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-09 15:41:02 UTC
From: ironshaper62
Topic: 3494 Message: 7740

Hello Everyone,

My name is Bucky I am a ham radio operator of 37 years(WB3GDA) in Savage, Md. Machinist by trade(32 yrs), Blacksmith and teacher. Enjoy restoring old tractors, trucks and radios. Just recently pickup a old radio chassis for the componets on it but after further inspection found that most all the parts seemed to be there. I need help identifying it to find schematic. Can anyone help?

I will post some pictures in a folder marked WB3GDA

Thanks
Bucky

Check out my youtube page (theironshaper)

7741. New member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-09 15:47:14 UTC
From: ironshaper62
Topic: 3494 Message: 7741

Hello Everyone,

My name is Bucky I am a ham radio operator of 37 years(WB3GDA) in Savage, Md. Machinist by trade(32 yrs), Blacksmith and teacher. Enjoy restoring old tractors, trucks and radios. Just recently pickup a old radio chassis for the componets on it but after further inspection found that most all the parts seemed to be there. I need help identifying it to find schematic. Can anyone help?

I will post some pictures in a folder marked WB3GDA

Thanks
Bucky

Check out my youtube page (theironshaper)

7742. Re: New member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-09 15:50:30 UTC
From: Daniel Yoder
Topic: 3494 Message: 7742

Hi Bucky,

Welcome to the group. I am from Pinto MD 45 min away. I also was a machinst for 20 years and now a mechanical designer for the past 20 years. You will find lots of talent and help here.

Dan Yoder

7743. Welcome aboard!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-09 16:29:18 UTC
From: Roger Kuchera
Topic: 7743 Message: 7743

Howdy,
Always happy to greet a new hand. Good luck. Welcome to "The League of Extraordinary Gentlemen!"

CUL, Roger/K1TG

7744. 1919 QST Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-10 11:57:07 UTC
From: Louis Vermond
Topic: 7744 Message: 7744
Attachments: 1 described; binary payloads are missing from this source WARC

GM,

I'm buying, not selling. What is the going rate? Tks, Lou

7745. Re: [AWA Group] 1919 QST Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-10 12:01:15 UTC
From: Eddy Swynar
Topic: 7744 Message: 7745

On 2013-04-10, at 7:57 AM, Louis Vermond wrote:

>
> GM,
>
> I'm buying, not selling. What is the going rate? Tks, Lou
>
>

Hi Lou,

It all depends upon the fickle mood of the market at the moment...

In the past, on eBay of course, I've seen examples like this go anywhere from about USD $20.00, all the way up to USD $120.00+.

Where is this particular specimen residing at the present moment, anyway...? (not that I need it---already have that specific issue in my stash).

~73~ de Eddy VE3CUI - VE3XZ

7746. Re: [AWA Group] 1919 QST Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-10 15:56:03 UTC
From: Louis Vermond
Topic: 7744 Message: 7746

Tks Eddy.

Your reply supports my understanding is that QSTs values prior to 1920 dwell in the stratosphere.

To complete my 1921 collection, does anyone have an extra February issue in any condition? I have spares of that year for trade.

73, Lou

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2013-04-10 8:01 AM
Subject: Re: [AWA Group] 1919 QST Question

On 2013-04-10, at 7:57 AM, Louis Vermond wrote:

GM,

I'm buying, not selling. What is the going rate? Tks, Lou

Hi Lou,

It all depends upon the fickle mood of the market at the moment...

In the past, on eBay of course, I've seen examples like this go anywhere from about USD $20.00, all the way up to USD $120.00+.

Where is this particular specimen residing at the present moment, anyway...? (not that I need it---already have that specific issue in my stash).

~73~ de Eddy VE3CUI - VE3XZ

7747. Re: New Member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-10 17:57:17 UTC
From: JAMES HANLON
Topic: 7747 Message: 7747

Bucky,

Welcome to the group. I went to your youtube page, but I couldn't find the picture of your radio chassis. Perhaps you could send a picture to me directly at knjhanlon@... and I could have a look at it for potential identification.

Jim Hanlon, W8KGI

7748. Receiver board progress

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-11 13:44:28 UTC
From: N1BUG
Topic: 7748 Message: 7748

Naw, I haven't kicked the bucket. :-)

After five months under pressure to dry and flatten, today while doing what passes for spring cleaning, I checked on that receiver board. That's right, the one that curled a half inch when I sawed the edges off. Did I mention the "dust" from sanding clumped into round balls during that process? Absolutely green! I am pleased to report the board has *not* cracked (thus far), now outwardly appearing quite dry and flat. However the precision calibrated right arm reports the board still feels a bit heavy for its size, compared to the board of same size and type used in the transmitter. :-) Thus I am not at all confident it has dried all the way through. I've put it back under pressure and shall check on its progress in the autumn. I suspect it will be fine, eventually.

As previously noted, these cheap kitchen cutting boards I use are the worst abomination imaginable, yet somehow in the end one can make them look acceptable. They remain, near as I can determine, the only usable option available in these parts.

73,
Paul N1BUG

7749. Re: [AWA Group] Re: New Member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-12 15:44:06 UTC
From: Walter Van alstine
Topic: 7747 Message: 7749

Jim,
Thanks,
I put the pictures in a folder here on this web site marked (WB3GDA). The chassis is from a late 20's early 30's AM Radio. It is a TRF circuit. Tubes are type 80, 24, 45 and 27. I need to identifiy it so as to get a schematic. I also have a Majestic model 90 chassis with out any tubes. Only paid $2.50 each for these so no loss, but will be a great learning project.

Bucky WB3GDA
Savage, Md

http://www.youtube.com/user/TheIronshaper

From: JAMES HANLON <knjhanlon@...m>
To: AWA Group <awagroup@yahoogroups.com>
Sent: Wednesday, April 10, 2013 1:57 PM
Subject: [AWA Group] Re: New Member

Bucky, Welcome to the group. I went to your youtube page, but I couldn't find the picture of your radio chassis. Perhaps you could send a picture to me directly at knjhanlon@... and I could have a look at it for potential identification. Jim Hanlon, W8KGI

7750. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-15 12:55:38 UTC
From: Louis Vermond
Topic: 130 Message: 7750
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/ELECTRONICS-ILLUSTRATED-1968-1970-1972-BI-MONTHLY-18-MAGAZINES-/271186994797?_trksid=p11021.m2364&_trkparms=aid%3D555001%26algo%3DPW.CURRENT%26ao%3D1%26asc%3D216%26meid%3D6975423075048535133%26pid%3D100084%26prg%3D1115%26rk%3D3%26sd%3D251260908616%26&ssPageName=ADME:B:SS:US:1120

7751. BIG modern TPTG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-17 12:50:29 UTC
From: N1BUG
Topic: 7751 Message: 7751

Hey guys,

I've accidentally invented a TPTG rig for the new 600 meter amateur band! My homebrew amplifier that I use with my big/modern rig has decided it wants to be a TPTG at about that frequency and below. Just your basic little 2500 watt DC input oscillator! It's actually very stable and behaves quite well as an oscillator... but I wish it wouldn't.

73,
Paul

7752. Re: [AWA Group] BIG modern TPTG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-17 14:07:42 UTC
From: Louis Vermond
Topic: 7751 Message: 7752

Making SKEDS?

----- Original Message -----
From: N1BUG
To: AWAGroup
Sent: 2013-04-17 8:50 AM
Subject: [AWA Group] BIG modern TPTG

Hey guys,

I've accidentally invented a TPTG rig for the new 600 meter amateur band! My homebrew amplifier that I use with my big/modern rig has decided it wants to be a TPTG at about that frequency and below. Just your basic little 2500 watt DC input oscillator! It's actually very stable and behaves quite well as an oscillator... but I wish it wouldn't.

73,
Paul

7753. AWA Journal Release Schedule--Spring Meet and Board meetings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-18 17:18:27 UTC
From: Marc Ellis
Topic: 7753 Message: 7753

To the group--
I'd like to
thank everyone who provided data for my
recent AWA Journal delivery survey. What
I discovered is that as late as a month
after mailing some members had still not received their January issues. Unfortunately,
in this era of skyrocketing postal costs, first class mailing is no longer an option
and we have to mail using the cost effective, but much slower, non profit organization
mail.As
you might imagine, the change from a delivery schedule of just a few
days to one that takes over a month has upset various writing and
editing routines that have been established for over a decade by not
only myself, but by the many other individuals--writers and production
people--whose efforts go into getting the latest Journal into your mailbox. On top of that
we have added an additional quarterly
publication, The AWA Gateway, to our
release schedule. This free on-line publication provides basic
information on vintage communications and is intended to attract more
people to our hobby.
In time we will develop new routines, but considering that your Journal
has an editorial timeline of three weeks (or more--if manuscript
submissions are late) and requires two weeks for printing and mailing ,
followed by a month or more in the hands of the Postal Service, it is
difficult to provide crisp delivery of a dated issue.For
that reason. we are switching from designation by month to designation
by
season which, in any case, is a very appropriate plan for a quarterly
publication. The upcoming former April issue, which will begin reaching
members in late May, will be the Spring issue. The following issues
will be Summer, Autumn, and Winter.
Of
course the content of our publication is anything but time
sensitive--except where it is important to provide information about
upcoming AWA events. And as it happens the Spring issue will arrive too
late to repeat the current information about the AWA Spring meet and
Board meeting. In the future we plan to tighten the schedule so that
this does not happen but for
now here is the information:
The AWA Spring meet, Membership and Board meeting will take place, as usual, on the
first Saturday of May (May 4 this year).Enjoy
the yearly sale and auction, tailgating, presentations, and
refreshments. At the former AWA Museum Annex building in what is now
the Bloomfield, NY Veteran's Park 6920 Routes 5 and 20, intersection
with Route 444, and also in the former American Legion Building at the
same address. The "Annex" doors open at 7 a.m. for seller setup; both

buildings open to the public at 8
a.m.
The Member and Board Meetings begin about
1 p.m. at the Media Center (Building 2) on the new AWA Museum campus, which is across the road from the "Annex" building..Cordially,Marc EllisEditor, The AWA Journal and The AWA Gateway

7754. Re: [AWA Group] BIG modern TPTG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-18 17:50:29 UTC
From: Ron Barlow
Topic: 7751 Message: 7754

Hi Paul,
 Very interesting!
 Do you have any photos of your 600m TPTG available, and hopefully, a description of same?
Have you successfully tamed it?
GL with your project!
73 de Ron n4gjv

From: N1BUG <paul@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Wednesday, April 17, 2013 8:50 AM
Subject: [AWA Group] BIG modern TPTG

Hey guys,

I've accidentally invented a TPTG rig for the new 600 meter amateur band! My homebrew amplifier that I use with my big/modern rig has decided it wants to be a TPTG at about that frequency and below. Just your basic little 2500 watt DC input oscillator! It's actually very stable and behaves quite well as an oscillator... but I wish it wouldn't.

73,
Paul

7755. UV-202 Needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-21 16:33:43 UTC
From: Bill Stewart
Topic: 7755 Message: 7755

Does anyone have an extra UV-202 (probably no such thing as having an extra one, but will ask anyway) or can point me toward a possible source.

Thanks, 73 de Bill K4JYS

7756. Re: [AWA Group] UV-202 Needed

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-21 17:01:02 UTC
From: Eddy Swynar
Topic: 7755 Message: 7756

On 2013-04-21, at 12:33 PM, Bill Stewart wrote:

>
> Does anyone have an extra UV-202 (probably no such thing as having an extra one, but will ask anyway) or can point me toward a possible source.
>
> Thanks, 73 de Bill K4JYS
>

What's your rock bottom price, Bill...?

~73~ de Eddy VE3CUI - VE3XZ
>
>

7757. My MOPA now has crystal control!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-22 02:22:55 UTC
From: ab9zg@ymail.com
Topic: 7757 Message: 7757

When I first built my MOPA a couple years ago, I was not aware that crystal control was available in the 1920s. Since then I have learned that it was quite the thing for more serious hams in the later part of the 1920s. So inspired by a circuit in the April 1929 QST, I have added crystal control while retaining the ability to self-exite. It is nice to be able to use crystal control if you want operate in other than special events, since the signal is much less likely to irritate other hams.

Here it is set up in Hartley mode.

Here it is using a 1920s General Radio crystal given to me by VE3AWA.

And here it is using a homebrew crystal from the 1920s.

7758. Re: [AWA Group] My MOPA now has crystal control!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-22 11:49:28 UTC
From: Larry Szendrei
Topic: 7757 Message: 7758

Beautiful, Jon!

Any chance you could post a schematic showing how you implement the switch between XTAL and L-C control? A scan of a hand-drawn diagram would be fine. I'd be interested in your method of accomplishing this.

73,
-Larry/NE1S

7759. Unexpected find at NEARC meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-22 12:25:10 UTC
From: Larry Szendrei
Topic: 7759 Message: 7759

On Saturday my XYL and I went down to the NEARC (New England Antique Radio Club) meet in Brookline, NH, with a few dollars of "mad money" in my wallet expecting to just bring home a few parts to re-stock the junquebox. Got there late, shortly before 10:00AM, as it was nearly a 3-hour drive from our Maine QTH. There was tailgaiting outside of the main indoor venue, so we took a walk around outside first. On the 1st table we encountered a modern (relatively speaking) instrument which turned out to be an HP54201A digitizing 'scope. It was labeled as working, and was give-away priced at $10. The seller said he no longer had the "real estate" for its approximately 18" by 18" footprint, seemed like a very nice guy, and offered to let me bring it to a power source to test it before buying. I figured I could trust this guy and for the price I couldn't go too wrong anyway so I bought it without doing so. User's manual was included.

After the meet we crossed the state line into Townsend MA and visited with our friends WA1QIX and his XLY Sherry. We tested out the 'scope there and verified that indeed it is in perfect working condition.

This is a significant upgrade since my 'scope bandwidth capability had been limited to 15 MHz with my Tek 535A (I also have a 30 MHz RM-45 but it needs significant TLC), and have some projects in the works that require more. The new scope's bandwidth is 300 MHz. For the type of work I do I prefer an analog 'scope, but for the price I'm definitely not complaining!

I also picked up some new axial 450V electrolytics from a vendor, an old but decent pair of hi-fi stereo headphones to use in the cellar shack, and my free NEARC T-shirt - the club had a surplus in their treasury and had them made for all members.

Now to find some real estate for the new acquisition on my own bench, which won't be easy...

73,
-Larry/NE1S

7760. eBay Alert..... 202s

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-22 14:02:09 UTC
From: Louis Vermond
Topic: 7760 Message: 7760

http://www.ebay.ca/itm/ws/eBayISAPI.dll?ViewItem&item=380627572288&ssPageName=ADME:B:SS:US:3160

7761. Cool 1940 AT&T movie on the vacuum tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-22 14:05:17 UTC
From: Larry Szendrei
Topic: 7761 Message: 7761

http://techchannel.att.com/play-video.cfm/2011/12/19/AT&T-Archives-Modern-Aladdins-Lamp

About 21 minutes in length.

73,
-Larry/NE1S

7762. Re: [AWA Group] eBay Alert..... 202s

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-22 14:06:39 UTC
From: Larry Szendrei
Topic: 7760 Message: 7762

There ya go, Bill (K4JYS).

On 4/22/13 10:02 AM, Louis Vermond wrote:
>
> http://www.ebay.ca/itm/ws/eBayISAPI.dll?ViewItem&item=380627572288&ssPageName=ADME:B:SS:US:3160
> _

7763. Re: [AWA Group] eBay Alert..... 202s

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-22 14:30:49 UTC
From: Bill Stewart
Topic: 7760 Message: 7763

Tnx Larry and Lou for the ebay alert.

That's a new one so will be watching very closely.

There were a couple others but of dubious condx.

73 de Bill K4JYS

----- Original Message -----

There ya go, Bill (K4JYS).

On 4/22/13 10:02 AM, Louis Vermond wrote:

http://www.ebay.ca/itm/ws/eBayISAPI.dll?ViewItem&item=380627572288&ssPageName=ADME:B:SS:US:3160

–

7764. Re: [AWA Group] Cool 1940 AT&T movie on the vacuum tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-22 14:51:05 UTC
From: Roger Kuchera
Topic: 7761 Message: 7764

Hi Larry,
I enjoyed the ATT film. I wonder if there is any way to capture it
as a WMV and put a copy on my PC? Thank you for sharing.

CUL, Roger/K1TG

--- On Mon, 4/22/13, Larry Szendrei <ne1s@...> wrote:

> From: Larry Szendrei <ne1s@...>
> Subject: [AWA Group] Cool 1940 AT&T movie on the vacuum tube
> To: AWAGroup@yahoogroups.com, "AWA Reflector"
<antiquewirelessassociation@yahoogroups.com>, "Glowbugs" <tetrode@googlegroups.com>
> Date: Monday, April 22, 2013, 10:05 AM
> http://techchannel.att.com/play-video.cfm/2011/12/19/AT&T-Archives-Modern-Aladdins-Lamp
>
>
> About 21 minutes in length.
>
> 73,
> -Larry/NE1S
>
>
> ----------
>
> Yahoo! Groups Links
>
>
>   AWAGroup-fullfeatured@yahoogroups.com
>
>

7765. Re: [AWA Group] eBay Alert..... 202s

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-22 14:51:45 UTC
From: Louis Vermond
Topic: 7760 Message: 7765
Attachments: 1 described; binary payloads are missing from this source WARC

GL Bill...

7766. Re: [AWA Group] eBay Alert..... 202s

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-22 21:57:39 UTC
From: Chnord@comcast.Net
Topic: 7760 Message: 7766

Carl Nord
Sent from my IBM 360

On Apr 22, 2013, at 10:06 AM, Larry Szendrei <ne1s@...> wrote:

> There ya go, Bill (K4JYS).
>
> On 4/22/13 10:02 AM, Louis Vermond wrote:
>>
>> http://www.ebay.ca/itm/ws/eBayISAPI.dll?ViewItem&item=380627572288&ssPageName=ADME:B:SS
:US:3160
>> _
>
>

7767. Re: [AWA Group] My MOPA now has crystal control!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-23 01:06:06 UTC
From: ab9zg@ymail.com
Topic: 7757 Message: 7767

Larry,

I didn't use any complicated techniques. To change from crystal to Hartley mode, I simply unplug the crystal, plug in a capacitor and connect its other lead to the bottom of the coil, and move the B+ tap to 1/3 the way up on the coil.

Jon

--- In AWAGroup@yahoogroups.com, Larry Szendrei wrote:
>
> Beautiful, Jon!
>
> Any chance you could post a schematic showing how you implement the
> switch between XTAL and L-C control? A scan of a hand-drawn diagram
> would be fine. I'd be interested in your method of accomplishing this.
>
> 73,
> -Larry/NE1S
>

7768. Re: [AWA Group] My MOPA now has crystal control!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-23 14:13:44 UTC
From: Larry Szendrei
Topic: 7757 Message: 7768

On 4/22/13 9:06 PM, ab9zg@... wrote:
>
> Larry,
>
> I didn't use any complicated techniques. To change from crystal to
> Hartley mode, I simply unplug the crystal, plug in a capacitor and
> connect its other lead to the bottom of the coil, and move the B+ tap
> to 1/3 the way up on the coil.
>
> Jon
>
OK Jon,

Reading between the lines, then, in XTAL mode the XTAL connects directly between grid and ground, and one end of the tank coil is connected to plate (as it is in Hartley mode), and the other end of the tank coil (the end that would connect to the grid through a capacitor in Harley mode) connects to B+?

73,
-Larry/NE1S

7769. Re: [AWA Group] My MOPA now has crystal control!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-23 14:51:21 UTC
From: Jon Delventhal
Topic: 7757 Message: 7769

Right. I sent a schematic but maybe it didn't come through.

From: Larry Szendrei <ne1s@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, April 23, 2013 9:13 AM
Subject: Re: [AWA Group] My MOPA now has crystal control!

On 4/22/13 9:06 PM, ab9zg@... wrote:

>Larry,
>
>I didn't use any complicated techniques. To change from
crystal to Hartley mode, I simply unplug the crystal, plug
in a capacitor and connect its other lead to the bottom of
the coil, and move the B+ tap to 1/3 the way up on the
coil.
>
>Jon
>
>
OK Jon,

Reading between the lines, then, in XTAL mode the XTAL connects
directly between grid and ground, and one end of the tank coil is
connected to plate (as it is in Hartley mode), and the other end of
the tank coil (the end that would connect to the grid through a
capacitor in Harley mode) connects to B+?

73,
-Larry/NE1S

7770. Re: [AWA Group] My MOPA now has crystal control!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-23 15:24:54 UTC
From: Larry Szendrei
Topic: 7757 Message: 7770

On 4/23/13 10:51 AM, Jon Delventhal wrote:
> Right. I sent a schematic but maybe it didn't come through.
>
>
Oh, OK, I see it now. Had to intervene to allow it to be displayed in
Thunderbird. Guess I wasn't awake yet.

Thanks!

-Larry/NE1S

7771. 202 & Bill

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-29 13:30:07 UTC
From: Louis Vermond
Topic: 7771 Message: 7771

Bill, do you have an extra 202 for sale or trade? Lou

7772. Re: [AWA Group] 202 & Bill

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-29 15:05:29 UTC
From: Bill Stewart
Topic: 7771 Message: 7772

I sure don't Lou and don't even have one for myself....man, I think I'm gonna have to stick with '01As and run QRP. I did put in a bid, but it went way beyond anything sensible and left me in the dust...Bill

----- Original Message -----

Bill, do you have an extra 202 for sale or trade? Lou

7773. Re: [AWA Group] 202 & Bill

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-29 15:31:15 UTC
From: Louis Vermond
Topic: 7771 Message: 7773

GM Bill,

What is your idea of maximum "sensible"?

73, Lou

7774. Re: [AWA Group] 202 & Bill

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-29 15:55:59 UTC
From: Eddy Swynar
Topic: 7771 Message: 7774

On 2013-04-29, at 11:05 AM, Bill Stewart wrote:

>
> I sure don't Lou and don't even have one for myself....man, I think I'm gonna have to stick
>
> with '01As and run QRP. I did put in a bid, but it went way beyond anything
>
> sensible and left me in the dust...Bill
>
>

Hi Guys,

I have one here that I'll never use...

OK, how much am I bid for it...?

Hamada-hamada-hamada-hamada-hamada...!

~73~ de Eddy VE3CUI - VE3XZ

7775. Reinartz tuner

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-29 21:53:01 UTC
From: Louis Vermond
Topic: 7775 Message: 7775

What were the months/years of the two Reinartz tuner QST articles please?

Lou

7776. Re: [AWA Group] Reinartz tuner

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-29 22:21:00 UTC
From: Paul Christensen
Topic: 7775 Message: 7776

"A Receiving Tuner for C.W., QST, " June, 1921, p. 65.
"The Improved Reinartz Tuner ," QST, March, 1922. p 8.

Don't stop there -- some of the best "low loss" tuner articles appeared in 1923 and 1924.

Paul, W9AC

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Monday, April 29, 2013 5:53 PM
Subject: [AWA Group] Reinartz tuner

What were the months/years of the two Reinartz tuner QST articles please?

Lou

7777. Re: [AWA Group] 202 & Bill

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-29 22:36:01 UTC
From: Bill Stewart
Topic: 7771 Message: 7777

Lou, depends on the rationalization at the moment of purchase.

But I doubt I'd pay over 85 bux (subject to the following)

and I can't believe I'm saying that. However, when ya figure in

90 yrs of inflation, the scarcity, the need and other rationalization factors...

well over 100 bux would probably be the norm.

73, Bill K4JYS

----- Original Message -----

□

GM Bill,

What is your idea of maximum " sensible "?

73, Lou

7778. Re: [AWA Group] Reinartz tuner

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-29 22:36:27 UTC
From: Louis Vermond
Topic: 7775 Message: 7778

Thank you, Paul.

Rich, KC9GQ is collecting parts for the Reinartz and is looking for info. I have those QSTs, but my scanner is not working. I click on "Preview" and a window pops up saying, "Printer port is being used by another device." Can anyone suggest a fix?

Lou

"A Receiving Tuner for C.W., QST, " June, 1921, p. 65.
"The Improved Reinartz Tuner ," QST, March, 1922. p 8.

Don't stop there -- some of the best "low loss" tuner articles appeared in 1923 and 1924.

Paul, W9AC

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Monday, April 29, 2013 5:53 PM
Subject: [AWA Group] Reinartz tuner

What were the months/years of the two Reinartz tuner QST articles please?

Lou

7779. Re: [AWA Group] 202 & Bill

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-29 22:46:36 UTC
From: Louis Vermond
Topic: 7771 Message: 7779

Lou, depends on the rationalization at the moment of purchase. Love it!

But I doubt I'd pay over 85 bux (subject to the following) and I can't believe I'm saying that. However, when ya figure in 90 yrs of inflation, the scarcity, the need and other rationalization factors...well over 100 bux would probably be the norm. 50 bucks over and your fondest dream realized.

GL, Lou

P.s., What are u building?

"$7.50 [the price of a 210 so I'll go with that] in 1923 had the same buying power as $101.89 in 2013."

7780. Re: [AWA Group] Reinartz tuner

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-29 23:03:19 UTC
From: Steve
Topic: 7775 Message: 7780

>Can anyone suggest a fix?

try a reboot of computer and printer...

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7781. Re: [AWA Group] 202 & Bill

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-29 23:12:48 UTC
From: Bill Stewart
Topic: 7771 Message: 7781

A couple yrs ago I built a 4 coil Meissner for 160 using a C-301A at 4 watts input.

It worked and believe it was Eddy I worked plus a few more stations. Now I want to

go QRO(?), so I'd like to chg to a UV-202, IF I can find one in my comfort zone and

rebuild to look better. I also want to build a period p/s. I've been looking at using a

Ford spark coil for plate power and also rac. But will also have a rectified p/s I can

switch to for 'normal' amateur use. Big plans and hope they come thru.

Your inflation note is pretty close to the truth!

Bill

----- Original Message -----

□

Lou, depends on the rationalization at the moment of purchase. Love it!

But I doubt I'd pay over 85 bux (subject to the following) and I can't believe I'm saying that. However, when ya figure in 90 yrs of inflation, the scarcity, the need and other rationalization factors...well over 100 bux would probably be the norm. 50 bucks over and your fondest dream realized.

GL, Lou

P.s., What are u building?

"$7.50 [the price of a 210 so I'll go with that] in 1923 had the same buying power as $101.89 in 2013."

7782. Re: 202 & Bill

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-04-30 03:32:44 UTC
From: ab9zg@ymail.com
Topic: 7771 Message: 7782

Pretty close, the UV-202 cost $8.00 in 1921 (March 1921 QST).

--- In AWAGroup@yahoogroups.com, Louis Vermond <ldvermond@...> wrote:
>
> Lou, depends on the rationalization at the moment of purchase. Love it!
>
> But I doubt I'd pay over 85 bux (subject to the following) and I can't believe I'm saying that. However, when ya figure in 90 yrs of inflation, the scarcity, the need and other rationalization factors...well over 100 bux would probably be the norm. 50 bucks over and your fondest dream realized.
>
> GL, Lou
>
> P.s., What are u building?
>
> "$7.50 [the price of a 210 so I'll go with that] in 1923 had the same buying power as $101.89 in 2013."
>

7783. AWA Spring Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-02 17:40:24 UTC
From: Eddy Swynar
Topic: 2358 Message: 7783

Hi Guys,

Anyone else going to this weekend's annual AWA Spring Meet, besides just yours truly...?

~73~ de Eddy VE3CUI - VE3XZ

7784. Re: AWA Spring Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-03 12:31:59 UTC
From: Eddy Swynar
Topic: 2358 Message: 7784

On 2013-05-02, at 1:40 PM, Eddy Swynar wrote:

> Hi Guys,
>
> Anyone else going to this weekend's annual AWA Spring Meet, besides just yours truly...?
>
> ~73~ de Eddy VE3CUI - VE3XZ

Well, I guess that roar of silence has effectively answered my question...! :o)

"I'll see you [not] there...!"

~73~ de Eddy VE3CUI - VE3XZ

7785. Re: [AWA Group] Re: AWA Spring Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-03 13:00:53 UTC
From: Larry Szendrei
Topic: 2358 Message: 7785

On 5/3/13 8:31 AM, Eddy Swynar wrote:
>
> Well, I guess that roar of silence has effectively answered my
> question...! *:o)*
>
> /"I'll see you /*[not] */there...!"/
I'll be leaving for the NEARfest (Deerfield NH hamfest, largest in New England) shortly after noon, and will be there for the duration. Excellent WX for a change, too, so don't feel sorry for me not being able to make the spring meet. ;-)

73,
-Larry/NE1S

7786. Re: [AWA Group] Re: AWA Spring Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-03 14:56:02 UTC
From: Eddy Swynar
Topic: 2358 Message: 7786

On 2013-05-03, at 9:00 AM, Larry Szendrei wrote:

>
> On 5/3/13 8:31 AM, Eddy Swynar wrote:
>>
>>
>> Well, I guess that roar of silence has effectively answered my question...! :o)
>>
>> "I'll see you [not] there...!"
> I'll be leaving for the NEARfest (Deerfield NH hamfest, largest in New England) shortly after noon, and will be there for the duration. Excellent WX for a change, too, so don't feel sorry for me not being able to make the spring meet. ;-)
>

Hi Larry,

Yes, the weather is s'posed to be absoutely stellar for all this coming weekend...!

Have a great time at NEARfest!

~73~ de Eddy VE3CUI - VE3XZ

7787. Radcomm

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-04 20:40:18 UTC
From: Steve
Topic: 2358 Message: 7787

Is there anyone in the group who gets Radcomm? I'm looking for three 2011 issues ...a three part series.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7788. Re: [AWA Group] Radcomm

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-04 22:22:14 UTC
From: Louis Vermond
Topic: 2358 Message: 7788

Do you mean the RSGB's, RadCom?

----- Original Message -----
From: Steve
To: AWAGroup@yahoogroups.com
Sent: 2013-05-04 4:40 PM
Subject: [AWA Group] Radcomm

Is there anyone in the group who gets Radcomm? I'm looking for three 2011 issues ...a three part series.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7789. Re: [AWA Group] Radcomm

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-05 00:00:34 UTC
From: Steve
Topic: 2358 Message: 7789

>Do you mean the RSGB's, RadCom?

yes

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7790. Re: [AWA Group] Radcomm

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-05 01:42:49 UTC
From: Louis Vermond
Topic: 2358 Message: 7790
Attachments: 1 described; binary payloads are missing from this source WARC

Contact Rodney Fry G3NDI crfry@... Tell him, Louie sent you....

7791. Re: [AWA Group] Radcomm

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-05 04:56:57 UTC
From: Steve
Topic: 2358 Message: 7791

>Contact Rodney Fry G3NDI crfry@... Tell him, Louie sent
>you....

tnx Lou

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7792. Checking a UV-202

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-05 13:07:05 UTC
From: Bill Stewart
Topic: 7792 Message: 7792

GM all,
Should a UV-202 be checked as a 10 on a Hi ckok 539-C tube tester.
Also should the 10 specs apply.
Thanks, 73 de Bill K4JYS

7793. Re: [AWA Group] Checking a UV-202

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-05 14:31:13 UTC
From: Louis Vermond
Topic: 7792 Message: 7793

Should a UV-202 be checked as a 10 on a Hickok 539-C tube tester. Also should the 10 specs apply.

GM Bill,

I use the 10 setting on a Simpson 555 tester with accurate results. Of course, the final test is in a rig!

Did u get a 210?

73, Lou

----- Original Message -----
From: Bill Stewart
To: AWA Group
Sent: 2013-05-05 9:07 AM
Subject: [AWA Group] Checking a UV-202

GM all,

Should a UV-202 be checked as a 10 on a Hickok 539-C tube tester.

Also should the 10 specs apply.

Thanks, 73 de Bill K4JYS

7794. Re: [AWA Group] Checking a UV-202

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-05 14:40:43 UTC
From: Eddy Swynar
Topic: 7792 Message: 7794

On 2013-05-05, at 10:31 AM, Louis Vermond wrote:

> □
>
> Should a UV-202 be checked as a 10 on a Hickok 539-C tube tester. Also should the 10 specs apply.
>
> GM Bill,
>
> I use the 10 setting on a Simpson 555 tester with accurate results. Of course, the final test is in a rig!
>
> Did u get a 210?
>
> 73, Lou
>
>

Hi Bill,

I did the same here with my 202, on my Hickock 9-66 dynamic tube tester...

~73~ de Eddy VE3CUI - VE3XZ

7795. Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-05 14:49:58 UTC
From: Louis Vermond
Topic: 7795 Message: 7795

Any photos to share here, Eddy?

7796. Re: [AWA Group] Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-05 22:16:44 UTC
From: Eddy Swynar
Topic: 7795 Message: 7796

On 2013-05-05, at 10:49 AM, Louis Vermond wrote:

>
> Any photos to share here, Eddy?
>
> _

Hi Lou,

No, no photos taken there at all...

Unfortunately, I didn't get to the site until 9:30 AM---an hour & a half AFTER it opened! (I guess that's the price you pay for direct-driving on the ame day, vs. spending the Friday night there).

Anyway, the auction had only ONE radio on the whole slate...! The rest was all test equipment...scopes, VTVMs, computer stuff, etc.

Kinda disappointed, really, but it's my own fault---shoulda been there earlier.

The tail-gaters were a-plenty, on the other hand---got a few needed tubes there...6 for 5 bux!

Eddy

7797. Re: [AWA Group] Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-05 22:28:59 UTC
From: Louis Vermond
Topic: 7795 Message: 7797

Tks for the report, Eddy. The flea market is the most interesting anyway.

got a few needed tubes there...6 for 5 bux! NIB 202s?

Did you tour the new museum?

Lou

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2013-05-05 6:16 PM
Subject: Re: [AWA Group] Meet

On 2013-05-05, at 10:49 AM, Louis Vermond wrote:

Any photos to share here, Eddy?

–

Hi Lou,

No, no photos taken there at all...

Unfortunately, I didn't get to the site until 9:30 AM---an hour & a half AFTER it opened! (I guess that's the price you pay for direct-driving on the ame day, vs. spending the Friday night there).

Anyway, the auction had only ONE radio on the whole slate...! The rest was all test equipment...scopes, VTVMs, computer stuff, etc.

Kinda disappointed, really, but it's my own fault---shoulda been there earlier.

The tail-gaters were a-plenty, on the other hand---got a few needed tubes there...6 for 5 bux!

Eddy

7798. Re: [AWA Group] Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-06 12:25:23 UTC
From: Eddy Swynar
Topic: 7795 Message: 7798

On 2013-05-05, at 6:28 PM, Louis Vermond wrote:

>
> Tks for the report, Eddy. The flea market is the most interesting anyway.
>
> got a few needed tubes there...6 for 5 bux! NIB 202s?
>
> Did you tour the new museum?
>

Hi Lou,

No, never did tour the museum---it started at 1:30 PM, & I was scheduled to pick-up the XYL at the mall at 1:00...

The tubes I bought were all 6AH6's: they're a "hot" version of the 6AU6, & are s'posed to be vastly superior in the VFO's / PTO's of any rig that might use them.

Took 3 NOS RCA's, & 3 NOS Sylvania's...

I was very disappointed that this was the first year I couldn't renew my AWA membership in person! "Not unless you write us a cheque," the fellow said. Yeah, right, like since when was paying in cash a mortal sin...?! Oh well, to the snail mail, it is then...!

~73~ de Eddy VE3CUI - VE3XZ

7799. Re: [AWA Group] Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-06 15:55:32 UTC
From: Ron Barlow
Topic: 7795 Message: 7799

Was it confederate currency?
73 de Ron n4gjv

From: Eddy Swynar <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, May 6, 2013 8:25 AM
Subject: Re: [AWA Group] Meet

On 2013-05-05, at 6:28 PM, Louis Vermond wrote:

>
>
>Tks for the report, Eddy. The flea market is the most interesting anyway.
>
>got a few needed tubes there...6 for 5 bux! NIB 202s?
>
>Did you tour the new museum?
>

Hi Lou,

No, never did tour the museum---it started at 1:30 PM, & I was scheduled to pick-up the XYL at the mall at 1:00...

The tubes I bought were all 6AH6's: they're a "hot" version of the 6AU6, & are s'posed to be vastly superior in the VFO's / PTO's of any rig that might use them.

Took 3 NOS RCA's, & 3 NOS Sylvania's...

I was very disappointed that this was the first year I couldn't renew my AWA membership in person! "Not unless you write us a cheque," the fellow said. Yeah, right, like since when was paying in cash a mortal sin...?! Oh well, to the snail mail, it is then...!

~73~ de Eddy VE3CUI - VE3XZ

7800. Re: [AWA Group] Meet

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-06 15:59:53 UTC
From: Eddy Swynar
Topic: 7795 Message: 7800

On 2013-05-06, at 11:55 AM, Ron Barlow wrote:

>
> Was it confederate currency?
> 73 de Ron n4gjv
>

Gosh, Ron...

You'd almost THINK so...! :o)

For chuckles I did offer the fellow with the tubes a crisp, new, CANADIAN fiver, but he just laughed at me!

~73~ de Eddy VE3CUI - VE3XZ
>

7801. UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-06 18:08:55 UTC
From: Bill Stewart
Topic: 7801 Message: 7801

Good Afternoon all,
The UV-202 saga continues:
As previously mentioned, I would like to use a 202 in a 1924 Meissner osc.
I got two UV-202s off ebay a few days ago (not the ones that went for 100+ bux each).
I tested them on a Hickok 539-C and used the setup for a 10. One 202 had a reading
of around 100 micromhos (only abt 12% of min. value of the 10 which is 790 minimum).
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may well be lousy as an amplifier, but in a self-excited oscillator / transmitter it still
had PLENTY of life."

I am presently using a UV-301A, so would hope to get considerably more power
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guess that would mean lower emissions and transconductance . Looks like that would greatly
reduce the tubes ability to do anything...oscillate, amplify, etc. So I can't understand
how a low emission tube would be much good. I guess it could still oscillate, but looks
like the power would be greatly reduced. Can anyone set me straight.

All the above boils down to should I keep the low emission tube or send it back along with
the drifty one. I'm just a bit skittish about keeping it, but since they are so hard to
find...well I'm in a quandary.
Any comments would be greatly appreciated.
73 de Bill K4JYS

7802. Re: [AWA Group] UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-06 19:48:09 UTC
From: Larry Szendrei
Topic: 7801 Message: 7802

On 5/6/13 2:08 PM, Bill Stewart wrote:
>
> Good Afternoon all,
>
> The UV-202 saga continues:
>
> As previously mentioned, I would like to use a 202 in a 1924 Meissner osc.
>
> I got two UV-202s off ebay a few days ago (not the ones that went for
> 100+ bux each).
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> I tested them on a Hickok 539-C and used the setup for a 10. One 202
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> 2000, where I stopped the test...can anyone explain this.
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Bill,

If the UV-202 filament is thoriated tungsten (check!!! I don't know that they are, but they could be), then it may be possible to rejuvenate them. I'm sure the process can be found with a search, it may even be in "care and feeding."

Not for the faint of heart, because it involves running the filaments beyond they're rated voltage for specific amounts of time. But the assumption is that the tube is useless without trying - IOW, nothing to lose, and the possibility of making an otherwise worthless tube useful.

Alternatively, you can just see if the tubes operate successfully in your oscillator circuit. If they do; well, use them until they don't, and THEN apply the rejuvenation procedure.

The idea of the rejuvenation procedure, IIRC, is to force more thorium from the bulk of the filament to the surface of the filament where it can act as an emitter.

73 es GL,
-Larry/NE1S

7803. Re: [AWA Group] UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-07 20:38:32 UTC
From: Bill Stewart
Topic: 7801 Message: 7803

Tnx Larry for the info.
I'm not sure what type the filament is. At the moment I'm leaning more toward returning the tubes
to the seller. I have been piddling with the grid leak resis. & capacitor, but, so far, not a peep out of the weak 202. I did get a VT-25 to work and its putting almost 40ma into the antenna...considerably more than the C-301A at 200vdc. I also tried the '01A at 300vdc...which gives abt 6w input.... & its still working. I may just run it at the hi plate voltage until I luck up and find a 202 or until it blows up.
73 de Bill K4JYS

----- Original Message -----

From: "Larry Szendrei" <ne1s@...>
To: AWAGroup@yahoogroups.com
Cc: "Bill Stewart" <cwopr@...>
Sent: Monday, May 6, 2013 3:48:09 PM
Subject: Re: [AWA Group] UV-202 w/Low Transconductance

On 5/6/13 2:08 PM, Bill Stewart wrote:

Good Afternoon all,
The UV-202 saga continues:
As previously mentioned, I would like to use a 202 in a 1924 Meissner osc.
I got two UV-202s off ebay a few days ago (not the ones that went for 100+ bux each).
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-Larry/NE1S

7804. Re: [AWA Group] UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-07 22:04:15 UTC
From: Bill Stewart
Topic: 7801 Message: 7804

Larry, I didn't see my reply to you come thru via email, but think it did get on the web site

----- Original Message -----

From: "Bill Stewart" <cwopr@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, May 7, 2013 4:38:32 PM
Subject: Re: [AWA Group] UV-202 w/Low Transconductance

Tnx Larry for the info.
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From: "Larry Szendrei" <ne1s@...>
To: AWAGroup@yahoogroups.com
Cc: "Bill Stewart" <cwopr@...>
Sent: Monday, May 6, 2013 3:48:09 PM
Subject: Re: [AWA Group] UV-202 w/Low Transconductance

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73 es GL,
-Larry/NE1S

7805. Re: [AWA Group] UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-08 04:19:25 UTC
From: Ron Barlow
Topic: 7801 Message: 7805

Hi Bill,
 I suspect that the tube that displays the transconductance drift, may be gassy. I have observed gassy tubes, that displayed a rapidly increasing plate current level, following initial B+ application. This condx was associated with the tell-tale glow of ionized gas. The plate current was in a runaway condx., that was halted only when I shut off the B+.
 FWIW, my guess is that the rising transconductance is associated with a rising plate current condx.
 GL with your efforts to find some good 02's.
73 de Ron n4gjv

From: Bill Stewart <cwopr@...>
To: AWA Group <AWAGroup@yahoogroups.com>
Sent: Monday, May 6, 2013 2:08 PM
Subject: [AWA Group] UV-202 w/Low Transconductance

Good Afternoon all,
The UV-202 saga continues:
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Any comments would be greatly appreciated.
73 de Bill K4JYS

7806. Re: [AWA Group] UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-08 20:08:06 UTC
From: Jon Delventhal
Topic: 7801 Message: 7806

Bill,

You probably already know this, but pure tungsten filament tubes are quite sensitive about their filament voltage. Emission drops off quickly when the filament voltage is slightly too low.

As far as I know, the only way a pure tungsten filament can fail without going open is by absorbing gas. If the tube isn't very gassy, it might be worth a try to run the filament at its rated voltage with no plate voltage for a period of 12 hours or so to burn off the contaminates.

Jon

From: Bill Stewart <cwopr@...>
To: AWA Group <AWAGroup@yahoogroups.com>
Sent: Monday, May 6, 2013 1:08 PM
Subject: [AWA Group] UV-202 w/Low Transconductance

Good Afternoon all,
The UV-202 saga continues:
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73 de Bill K4JYS

7807. Re: [AWA Group] UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-08 22:22:36 UTC
From: Louis Vermond
Topic: 7801 Message: 7807

Yes, Bill, what was the rig filament voltage? Lou

----- Original Message -----
From: Jon Delventhal
To: AWAGroup@yahoogroups.com
Sent: 2013-05-08 4:08 PM
Subject: Re: [AWA Group] UV-202 w/Low Transconductance

Bill,

You probably already know this, but pure tungsten filament tubes are quite sensitive about their filament voltage. Emission drops off quickly when the filament voltage is slightly too low.

As far as I know, the only way a pure tungsten filament can fail without going open is by absorbing gas. If the tube isn't very gassy, it might be worth a try to run the filament at its rated voltage with no plate voltage for a period of 12 hours or so to burn off the contaminates.

Jon

From: Bill Stewart <cwopr@...>
To: AWA Group <AWAGroup@yahoogroups.com>
Sent: Monday, May 6, 2013 1:08 PM
Subject: [AWA Group] UV-202 w/Low Transconductance

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73 de Bill K4JYS

7808. Re: [AWA Group] UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-09 11:27:41 UTC
From: Bill Stewart
Topic: 7801 Message: 7808

The fil. requires 7.5v and thats what I've been feeding it...Bill

----- Original Message -----

From: "Louis Vermond" <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, May 8, 2013 6:22:36 PM
Subject: Re: [AWA Group] UV-202 w/Low Transconductance

☐
Yes, Bill, what was the rig filament voltage? Lou

----- Original Message -----
From: Jon Delventhal
To: AWAGroup@yahoogroups.com
Sent: 2013-05-08 4:08 PM
Subject: Re: [AWA Group] UV-202 w/Low Transconductance

Bill,

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Jon

From: Bill Stewart <cwopr@...>
To: AWA Group <AWAGroup@yahoogroups.com>
Sent: Monday, May 6, 2013 1:08 PM
Subject: [AWA Group] UV-202 w/Low Transconductance

Good Afternoon all,
The UV-202 saga continues:
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73 de Bill K4JYS

7809. Re: [AWA Group] UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-09 11:33:27 UTC
From: Bill Stewart
Topic: 7801 Message: 7809

Hi Ron,
You have described about what the drifter does. When in the circuit, the Ip will sometimes jump up to a very high value. It's going back to the seller.
73, Bill

----- Original Message -----

From: "Ron Barlow" <imalowfer@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, May 8, 2013 12:19:25 AM
Subject: Re: [AWA Group] UV-202 w/Low Transconductance

Hi Bill,
 I suspect that the tube that displays the transconductance drift, may be gassy. I have observed gassy tubes, that displayed a rapidly increasing plate current level, following initial B+ application. This condx was associated with the tell-tale glow of ionized gas. The plate current was in a runaway condx., that was halted only when I shut off the B+.
 FWIW, my guess is that the rising transconductance is associated with a rising plate current condx.
 GL with your efforts to find some good 02's.
73 de Ron n4gjv

From: Bill Stewart <cwopr@...>
To: AWA Group <AWAGroup@yahoogroups.com>
Sent: Monday, May 6, 2013 2:08 PM
Subject: [AWA Group] UV-202 w/Low Transconductance

Good Afternoon all,
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73 de Bill K4JYS

7810. Re: [AWA Group] UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-09 11:37:06 UTC
From: Bill Stewart
Topic: 7801 Message: 7810

Tnx Jon, for the your info.
I wasn't aware of this and may give it a try.
73, Bill

----- Original Message -----

From: "Jon Delventhal" <ab9zg@ymail.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, May 8, 2013 4:08:06 PM
Subject: Re: [AWA Group] UV-202 w/Low Transconductance

Bill,

You probably already know this, but pure tungsten filament tubes are quite sensitive about their filament voltage. Emission drops off quickly when the filament voltage is slightly too low.

As far as I know, the only way a pure tungsten filament can fail without going open is by absorbing gas. If the tube isn't very gassy, it might be worth a try to run the filament at its rated voltage with no plate voltage for a period of 12 hours or so to burn off the contaminates.

Jon

From: Bill Stewart <cwopr@embarqmail.com>
To: AWA Group <AWAGroup@yahoogroups.com>
Sent: Monday, May 6, 2013 1:08 PM
Subject: [AWA Group] UV-202 w/Low Transconductance

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7811. Re: [AWA Group] UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-09 14:04:00 UTC
From: Charlie
Topic: 7801 Message: 7811

Bill,

The contact pins in early tubes are connected with solder of a high tin content. Over time, the soldered connection increases in resistance thus reducing current flow. I suggest that removing the old solder, clean the pins and the lead wires and re-solder with conventional electronic solder could restore some of the lost emission. Removal of the old solder is best accomplished by adding new solder to lower the melting point and extracting the molten alloy. The interior of, or at least a small portion of the pin and tube lead wires can be scraped with an Exacto knife. Use a small amount of active liquid electronic flux then re-solder with 63/37. Some tube generated noises as well as erratic operation can be attributed to poor connections in the pins. It would be a shame to retire a good tube that just needs re-soldering...

I have many tubes in my collection that were in Ham service that have blistered Bakelite bases. Common black Bakelite gets very lossy at HF RF. Common practice, then, was to cross-cut the base to provide a much longer path in the Bakelite. The cutting does weaken the base considerably. Re-basing such a tube with a ceramic base is a permanent solution.

When testing the tube, because of the higher current filament, be sure to measure the filament voltage at the pins of the tube. Re-adjust the filament voltage to specification to get a more accurate idea of the emission.

GL

Chas
WA1JFD

--- In AWAGroup@yahoogroups.com, Bill Stewart <cwopr@...> wrote:
>
>
> Tnx Jon, for the your info.
> I wasn't aware of this and may give it a try.
> 73, Bill
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> From: "Jon Delventhal" <ab9zg@...>
> To: AWAGroup@yahoogroups.com
> Sent: Wednesday, May 8, 2013 4:08:06 PM
> Subject: Re: [AWA Group] UV-202 w/Low Transconductance
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> Subject: [AWA Group] UV-202 w/Low Transconductance
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> Â Â
> I am presently using a UV-301A, so would hope to get considerably more power
> out with a 202. As I understand it, a direct heated cathode/filament is coated with electron

> producing chemicals. When the chemicals areÂ used up, there are less electrons available and I
> guess that would mean lower emissions and transconductance. Looks like that would greatly reduce the tubes ability to do anything...oscillate, amplify, etc. So I can't understand how a low emission tube would be much good. I guess it could still oscillate, but looks like the power would be greatly reduced. Can anyone set me straight.
> Â
> All the above boils down to should I keep the low emission tube or send it back along with the drifty one. I'm just a bit skittish about keeping it, but since they are so hard to find...well I'm in a quandary.
> Any comments would be greatly appreciated.
> 73 de Bill K4JYSÂ
> Â
>

7812. Re: [AWA Group] UV-202 w/Low Transconductance

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-12 15:40:59 UTC
From: Bill Stewart
Topic: 7801 Message: 7812

Thanks Charlie, Jon, Ron, Larry & E ddy for all your comments.
I will do some pin re-soldering to the low emission tube and
also may now see what happens with cooking the fil. for 12 hrs.
The seller has been very apologetic and has refunded my money.
Also after I was getting ready to return the tubes, told me to keep
them. So, now I feel more comfortable about experimenting. I will
of course, let him know if I get a usable tube.
Tnx agn for all the suggestions.
73 de Bill K4JYS

----- Original Message -----

From: "Charlie" <pacquerat@comcast.net>
To: AWAGroup@yahoogroups.com
Sent: Thursday, May 9, 2013 10:04:00 AM
Subject: Re: [AWA Group] UV-202 w/Low Transconductance

Bill,

The contact pins in early tubes are connected with solder of a high tin content. Over time, the soldered connection increases in resistance thus reducing current flow. I suggest that removing the old solder, clean the pins and the lead wires and re-solder with conventional electronic solder could restore some of the lost emission. Removal of the old solder is best accomplished by adding new solder to lower the melting point and extracting the molten alloy. The interior of, or at least a small portion of the pin and tube lead wires can be scraped with an Exacto knife. Use a small amount of active liquid electronic flux then re-solder with 63/37. Some tube generated noises as well as erratic operation can be attributed to poor connections in the pins. It would be a shame to retire a good tube that just needs re-soldering...

I have many tubes in my collection that were in Ham service that have blistered Bakelite bases. Common black Bakelite gets very lossy at HF RF. Common practice, then, was to cross-cut the base to provide a much longer path in the Bakelite. The cutting does weaken the base considerably. Re-basing such a tube with a ceramic base is a permanent solution.

When testing the tube, because of the higher current filament, be sure to measure the filament voltage at the pins of the tube. Re-adjust the filament voltage to specification to get a more accurate idea of the emission.

GL

Chas
WA1JFD

--- In AWAGroup@yahoogroups.com , Bill Stewart <cwopr@...> wrote:
>
>

> Tnx Jon, for the your info.
> I wasn't aware of this and may give it a try.
> 73, Bill
>
>
> ----- Original Message -----
>
> From: "Jon Delventhal" <ab9zg@...>
> To: AWAGroup@yahoogroups.com
> Sent: Wednesday, May 8, 2013 4:08:06 PM
> Subject: Re: [AWA Group] UV-202 w/Low Transconductance
>
> Â
>
>
>
>
> Bill,
>
> You probably already know this, but pure tungsten filament tubes are quite sensitive about their filament voltage. Emission drops off quickly when the filament voltage is slightly too low.
>
> As far as I know, the only way a pure tungsten filament can fail without going open is by absorbing gas. If the tube isn't very gassy, it might be worth a try to run the filament at its rated voltage with no plate voltage for a period of 12 hours or so to burn off the contaminates.
>
>
>
> Jon
>
>
>
>
>
>
> From: Bill Stewart <cwopr@...>
> To: AWA Group < AWAGroup@yahoogroups.com >
> Sent: Monday, May 6, 2013 1:08 PM
> Subject: [AWA Group] UV-202 w/Low Transconductance
>
>
>
>
> Â
>
>
> Good Afternoon all,
> The UV-202 saga continues:

> As previously mentioned, I would like to use a 202 in a 1924 Meissner osc.
> I got two UV-202s off ebay a few days ago (not the ones that went for 100+ bux each).
> I tested them on a Hickok 539-C and used the setup for a 10. One 202 had a reading
> of around 100 micromhos (only abt 12% of min. value of the 10 which is 790 minimumÂ).
> The other tube had a drifting value, that went from around 500 and drifted up to around
> 2000, where I stopped the test...can anyone explain this.The seller has agreed to take
them back. However, Eddy mentioned this to me:
> Â
> Â "Dick (W2UJR) & Steve (KA9QLF)---now both SK's, sadly---used to state that a so-called
"weak" tube
> Â may well be lousy as an amplifier, but in a self-excited oscillator / transmitter it
still had PLENTY of life."
> Â Â
> I am presently using a UV-301A, so would hope to get considerably more power
> out with a 202. As I understand it, a direct heated cathode/filament is coated with
electron
> producing chemicals. When the chemicals areÂ used up, there are less electrons available
and I
> guess that would mean lower emissions and transconductance. Looks like that would greatly
reduce the tubes ability to do anything...oscillate, amplify, etc. So I can't understand
how a low emission tube would be much good. I guess it could still oscillate, but looks
like the power would be greatly reduced. Can anyone set me straight.
> Â
> All the above boils down to should I keep the low emission tube or send it back along
with the drifty one. I'm just a bit skittish about keeping it, but since they are so hard
to find...well I'm in a quandary.
> Any comments would be greatly appreciated.
> 73 de Bill K4JYSÂ
> Â
>

7813. eBay Alert .... Nice

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-13 13:42:38 UTC
From: Louis Vermond
Topic: 7813 Message: 7813

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=360655625253&ssPageName=ADME:B:SS:US:1123

7814. Re: [AWA Group] eBay Alert .... Nice

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-13 14:19:22 UTC
From: Larry Szendrei
Topic: 7813 Message: 7814

On 5/13/13 9:42 AM, Louis Vermond wrote:
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=360655625253&ssPageName=ADME:B:SS:US:1123
> _
Nice... It'll be interesting to see what it goes for - my guess is it'll
be big bux.

-'1S

7815. Regen Batt

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-14 13:52:18 UTC
From: Louis Vermond
Topic: 7815 Message: 7815

http://www.batterycountry.com/ShopSite/HS14196.html

7816. I need some help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-18 23:39:42 UTC
From: KG4KGL
Topic: 7815 Message: 7816

GE all,

I have two of these Cardwell air variable caps. I want to use one in a regen circuit. My question is, how do you mount these? Are they mounted to the front panel with the three flush mount screws with the standoffs?

Tnx

Robert
KG4KGL
>

7817. Re: [AWA Group] I need some help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-18 23:54:21 UTC
From: Louis Vermond
Topic: 7815 Message: 7817

Yes.

Which tubes are you going to use, Robert? Lou

----- Original Message -----
From: KG4KGL
To: AWAGroup@yahoogroups.com
Sent: 2013-05-18 7:39 PM
Subject: [AWA Group] I need some help

GE all,

I have two of these Cardwell air variable caps. I want to use one in a regen circuit. My question is, how do you mount these? Are they mounted to the front panel with the three flush mount screws with the standoffs?

Tnx

Robert
KG4KGL

7818. Re: [AWA Group] I need some help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-19 00:49:50 UTC
From: KG4KGL
Topic: 7815 Message: 7818

I have an 01a, a couple of 2A3s and plenty of newer 6SN7 or 6SL7 triodes. This will not be a period correct piece, just gaining experience with regens.

Robert
KG4KGL

On May 18, 2013, at 19:54, Louis Vermond <ldvermond@sympatico.ca> wrote:

> Yes.
>
> Which tubes are you going to use, Robert? Lou
>
>
>
> ----- Original Message -----
> From: KG4KGL
> To: AWAGroup@yahoogroups.com
> Sent: 2013-05-18 7:39 PM
> Subject: [AWA Group] I need some help
>
>
> GE all,
>
> I have two of these Cardwell air variable caps. I want to use one in a regen circuit. My question is, how do you mount these? Are they mounted to the front panel with the three flush mount screws with the standoffs?
>
> Tnx
>
> Robert
> KG4KGL
>>
>
>

7819. Re: [AWA Group] I need some help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-19 02:40:42 UTC
From: Niel - W0VLZ
Topic: 7815 Message: 7819

Robert,

I assume you are referring to Cardwell air variable caps like we've used in 1929 transmitter projects.

As long as one side of the capacitor is to be grounded then no problem using the three wide spaced holes around the shaft. Use short standoffs so that the cap is spaced away from the front panel. There's a closer set of three holes but these won't give you the mechanical rigidity you need. I'd also consider a venier. You'll need to adjust the length of your standoffs and capacitor shaft to match the shaft length required for the vernier.

If your circuit requires both sides of the cap to be insulated from ground you'll need to attach L brackets to the front and rear of the cap and come up with insulated standoffs.

btw, your typical transmitting type Cardwell cap is overkill for most any regen circuit. Do you have anything like I used is these regen receivers?
http://www.prismnet.com/~nielw/onestep/onestep.htm
http://www.prismnet.com/~nielw/sg_regen/sg_regen.htm
http://www.prismnet.com/~nielw/1951NoviceStation/1951station.htm

Niel

KG4KGL wrote:
> GE all,
>
> I have two of these Cardwell air variable caps. I want to use one in a
> regen circuit. My question is, how do you mount these? Are they
> mounted to the front panel with the three flush mount screws with the
> standoffs?
>
> Tnx
>
> Robert
> KG4KGL
>

7820. Re: [AWA Group] I need some help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-19 14:39:25 UTC
From: Larry Szendrei
Topic: 7815 Message: 7820

On 5/18/13 8:49 PM, KG4KGL wrote:
> I have an 01a, a couple of 2A3s and plenty of newer 6SN7 or 6SL7
> triodes. This will not be a period correct piece, just gaining
> experience with regens.
>
>
Hi Robert,

If your purpose is to gain experience with regens, I would use the 6SN7 in a Twinplex circuit. Save the 01A for an older design, and pick up a few more so you use one as a detector and follow it with one or two stages of audio. You'll need to find some audio transformers, of course.

As for the 2A3's, hang on to them - eventually you may encounter a piece or project that requires one or both, and you won't be able to afford 'em if you don't already have 'em ("audiophoole tube").

73,
-Larry/NE1S

7821. Re: [AWA Group] I need some help

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-19 15:02:55 UTC
From: KG4KGL
Topic: 7815 Message: 7821

On May 19, 2013, at 10:39, Larry Szendrei <ne1s@...> wrote:

> On 5/18/13 8:49 PM, KG4KGL wrote:
>>
>> I have an 01a, a couple of 2A3s and plenty of newer 6SN7 or 6SL7 triodes. This will not be a period correct piece, just gaining experience with regens.
> Hi Robert,
>
> If your purpose is to gain experience with regens, I would use the 6SN7 in a Twinplex circuit. Save the 01A for an older design, and pick up a few more so you use one as a detector and follow it with one or two stages of audio. You'll need to find some audio transformers, of course.
>
> As for the 2A3's, hang on to them - eventually you may encounter a piece or project that requires one or both, and you won't be able to afford 'em if you don't already have 'em ("audiophoole tube").

Tnx Larry,

I was leaning toward the 6SN7. The 01a was purchased with a 29 transmitter in mind.

The 2A3 pair is from my SET amp. They drive my Klipsch LaScala speakers. They are new manufacture tubes, not NOS.

73,

Robert
KG4KGL

7822. Suggestions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-19 18:02:36 UTC
From: Louis Vermond
Topic: 5555 Message: 7822

Hello,

I need a new handheld digital multimetre. A Fluke would be great, but too expensive. Based on use experience, can anyone recommend a metre having, among other common features, a 1000 VDC range?

73, Lou

7823. Re: [AWA Group] Suggestions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-19 19:31:37 UTC
From: P. MICHAEL MCGINNIS
Topic: 5555 Message: 7823

These EEBlog Multimeter reviews linked below are rather lengthy; but are very through. I like meters in the second group (over $100). I own an old Protek 6500 (under $200) which I really like but I believe it is now discontinued. I love the Flukes but can't justify the cost for what I use them for.

UNDER $50
http://www.youtube.com/watch?v=ZoeUgMFLyAw

UNDER $100
http://www.youtube.com/watch?v=n3WGaiYF2sk

P. Michael McGinnis N6TYF

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Sun, May 19, 2013 11:02:42 AM
Subject: [AWA Group] Suggestions?

Hello,

I need a new handheld digital multimetre. A Fluke would be great, but too expensive. Based on use experience, can anyone recommend a metre having, among other common features, a 1000 VDC range?

73, Lou

7824. Re: [AWA Group] Suggestions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-19 20:23:08 UTC
From: P. MICHAEL MCGINNIS
Topic: 5555 Message: 7824

I found the current replacement for my discontinued 6500 Protek currently on sale at:

http://www.tequipment.net/Protek608.asp

Not a bad price for a $200 class multimeter.

Mike N6TYF

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Sun, May 19, 2013 11:02:42 AM
Subject: [AWA Group] Suggestions?

Hello,

I need a new handheld digital multimetre. A Fluke would be great, but too expensive. Based on use experience, can anyone recommend a metre having, among other common features, a 1000 VDC range?

73, Lou

7825. Re: [AWA Group] Suggestions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-19 20:46:44 UTC
From: Jon Delventhal
Topic: 5555 Message: 7825

I use a military surplus Fluke 27FM. It cost about $50 shipped, does true RMS AC measurements, and came with a 5kV probe. It was still in calibration and is built like a tank. I bought it after burning out 6 Harbor Freight meters, realizing they weren't such a good deal.

Jon

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Sunday, May 19, 2013 1:02 PM
Subject: [AWA Group] Suggestions?

Hello,

I need a new handheld digital multimetre. A Fluke would
be great, but too expensive. Based on use experience, can anyone recommend
a metre having, among other common features, a 1000 VDC range?

73, Lou

7826. Re: [AWA Group] Suggestions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-19 21:31:25 UTC
From: P. MICHAEL MCGINNIS
Topic: 5555 Message: 7826

I have a couple of those Harbor freight meters I keep in my cars glove box's for emergencies. They are OK for quick go - no go; "is the DC voltage there?" kind of measurement. I have used the Harbor freight digitals in the past erroneously thinking that they couldn't be any worse than a cheap 200k analog VOM; but was surprised to find that the readings were so far off in the Harbor units as to be unusable. My $15 cheapie analog VOM was at least close to the correct reading as compared with my $200 DVM.

Mike

From: Jon Delventhal <ab9zg@ymail.com>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Sun, May 19, 2013 1:46:49 PM
Subject: Re: [AWA Group] Suggestions?

I use a military surplus Fluke 27FM. It cost about $50 shipped, does true RMS AC measurements, and came with a 5kV probe. It was still in calibration and is built like a tank. I bought it after burning out 6 Harbor Freight meters, realizing they weren't such a good deal.

Jon

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Sunday, May 19, 2013 1:02 PM
Subject: [AWA Group] Suggestions?

Hello,

I need a new handheld digital multimetre. A Fluke would be great, but too expensive. Based on use experience, can anyone recommend a metre having, among other common features, a 1000 VDC range?

73, Lou

7827. Re: [AWA Group] Suggestions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-19 23:07:27 UTC
From: Leonard Meek
Topic: 5555 Message: 7827

I have an old Hickok VOM that I really don't need, except for the nostalgia. I used one when I was an apprentice and always hated them. They use a single D(?) cell for ohms and do not measure AC Ohms very welll. Almost every one I have seen has the R X 1 shunt burnt. But the meter movement is beautifully balanced. I keep several old meters, including a couple of Westons and Tripletts around to use when working from old Rider's prints, because a hi impedence digitals will give higher readings than the specified values. I would like to fix up this Hickok meter but I can't find a model # on it anywhere. It does say "Model 955" on the meter face, but apparently that's just the meter movement. Nobody seems to have any info on it, including Hickok Instruments. They say all their old papers were discarded when the company was taken over by the new management. I even checked with Alan Douglas but he didn't recognize the meter. I could post a picture of it if anyone thinks they can identify it.

Leonard

----- Original Message -----
From: P. MICHAEL MCGINNIS
To: AWAGroup@yahoogroups.com
Sent: Sunday, May 19, 2013 11:31 AM
Subject: Re: [AWA Group] Suggestions?

I have a couple of those Harbor freight meters I keep in my cars glove box's for emergencies. They are OK for quick go - no go; "is the DC voltage there?" kind of measurement. I have used the Harbor freight digitals in the past erroneously thinking that they couldn't be any worse than a cheap 200k analog VOM; but was surprised to find that the readings were so far off in the Harbor units as to be unusable. My $15 cheapie analog VOM was at least close to the correct reading as compared with my $200 DVM.

Mike

From: Jon Delventhal <ab9zg@...>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Sun, May 19, 2013 1:46:49 PM
Subject: Re: [AWA Group] Suggestions?

I use a military surplus Fluke 27FM. It cost about $50 shipped, does true RMS AC measurements, and came with a 5kV probe. It was still in calibration and is built like a tank. I bought it after burning out 6 Harbor Freight meters, realizing they weren't such a good deal.

Jon

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>

Sent: Sunday, May 19, 2013 1:02 PM
Subject: [AWA Group] Suggestions?

Hello,

I need a new handheld digital multimetre. A Fluke would be great, but too expensive. Based on use experience, can anyone recommend a metre having, among other common features, a 1000 VDC range?

73, Lou

7828. Elenco Model 77 SSB Transmitter from 1954:

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-20 13:01:20 UTC
From: N3IBX
Topic: 7828 Message: 7828

Hello All,
Very recently I acquired aearly phasing type ssb Amateur transmitter, a Elenco model 77 that covers from 10 thru 160 meters with only 3 different coils in the output tank circuit. I do have a manual for it, but it's one of the most complex transmitters I've ever laid my eyes on. Apparently it uses 2 or 3 different reference frequencies to achieve the desired output frequency, kind of almost a superheterodyne receiver in reverse used for transmitting purposes. Additionally, from what I can gather, all Amateur frequencies between 10M and 160M are covered using only three different output coils. I stand corrected on my initial evaluation of it since I don't really understand at this time the hows and whys of it's operation.

I did apply power to it and it passed the proverbial "smoke test" It seems to be receiving it's oscillator for a particular band when tuned into a receiver except for the 40M band which instead of hearing the oscillator it actually puts out 16W of RF output whilst inserting a key into it's key jack while depressed. Funny thing, the frequency readout of the frequency counter I have it connected to reads 7.361kc! It won't change whilst using the VFO or it'd frequency vernier.

If you know anything about the Elenco ssb transmitters, particularly their model 77, or have owned one at one time, I'd really like to hear from you! I'd love to figure out what I have in order to make it operational. My direct email address is: n3ibx@...

BTW, "Elenco" stands for Electronic Engineering Co. of Wabash, Indiana, not to be confused with the Asian manufacturer of ellectronic test equiptment currently in production.

Thanks for the bandwidth!
Joe Cro N3IBX

7829. Re: [AWA Group] Suggestions?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-20 13:47:16 UTC
From: Louis Vermond
Topic: 5555 Message: 7829
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks to all for your input. Steve's hands-on recommendation tipped the scale. Tks Steve.
73, Lou

Lou - I have one of these although I purchased it several years ago locally
in one of our few electronics-parts stores left in Vancouver ...Lee's
Electronics. It has done everything I ask and more...even remembers to turn
itslef "OFF" should I forget.

http://www.ebay.ca/itm/Digital-Multimeter-LCD-AC-DC-Ammeter-Resistance-Capacitance-EXCEL-DT9205A-D0113-/121099675371?pt=LH_DefaultDomain_0&hash=item1c321a66eb

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7830. 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 13:50:09 UTC
From: Andy UU1CC
Topic: 7830 Message: 7830

Hi all,

I'm going to try pair of 01A tubes in P-P transmitter, but just before
I misspend a bunch of time&money - how much power should I expect?

--
73! Andy UU1CC

7831. Re: [AWA Group] 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 15:26:20 UTC
From: Bill Stewart
Topic: 7830 Message: 7831

Hi Andy,
I have run a CX-301A in a TNT for years, it was my first AWA xmtr. I normally run it at 200vdc/20ma...or so. The input pwr is probably around 4 watts. As I understand, the expected efficiency for most of the '20s rigs is 30-35%, so, it may put out as much as 1 1/2 watts...don't have any way to measure the output pwr. I also use a C-301A (from 1924) in a 4 coil Meissner osc, from 1924 QST. I have run about the same voltage on that one, but am experimenting with increasing the B+ to at least 300vdc and maybe a tad more. Here again, probably about the same efficiency.
I haven't tried using a pair and would be interested in your results.
Good luck & 73 de Bill K4JYS

----- Original Message -----

From: "Andy UU1CC" <ur3ijc@...>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Tuesday, May 21, 2013 9:50:09 AM
Subject: [AWA Group] 01A in TX

Hi all,

I'm going to try pair of 01A tubes in P-P transmitter, but just before
I misspend a bunch of time&money - how much power should I expect?

--
73! Andy UU1CC

7832. Re: [AWA Group] 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 16:10:05 UTC
From: Alex Marcianesi
Topic: 7830 Message: 7832

Is the 01A the UX201A???

Sent from my iPhone

On 2013-05-21, at 11:26, Bill Stewart <cwopr@...> wrote:

> Hi Andy,
>
> I have run a CX-301A in a TNT for years, it was my first AWA xmtr. I normally run
>
> it at 200vdc/20ma...or so. The input pwr is probably around 4 watts. As I understand,
>
> the expected efficiency for most of the '20s rigs is 30-35%, so, it may put out as much
as
>
> 1 1/2 watts...don't have any way to measure the output pwr. I also use a C-301A
>
> (from 1924) in a 4 coil Meissner osc, from 1924 QST. I have run about the same
>
> voltage on that one, but am experimenting with increasing the B+ to at least
>
> 300vdc and maybe a tad more. Here again, probably about the same efficiency.
>
> I haven't tried using a pair and would be interested in your results.
>
> Good luck & 73 de Bill K4JYS
>
>
>
>
> From: "Andy UU1CC" <ur3ijc@...>
> To: "AWAGroup" <AWAGroup@yahoogroups.com>
> Sent: Tuesday, May 21, 2013 9:50:09 AM
> Subject: [AWA Group] 01A in TX
>
>
> Hi all,
>
> I'm going to try pair of 01A tubes in P-P transmitter, but just before
> I misspend a bunch of time&money - how much power should I expect?
>
> --
> 73! Andy UU1CC
>
>
>

>

7833. Re: [AWA Group] 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 18:29:08 UTC
From: Bill Stewart
Topic: 7830 Message: 7833

Yes, I believe " '01A' or '01' " is the short name for all the family of UV-201(A)s, UX-201s, CX-301As etc. I think I'm right on this...all the aforementioned tubes had the balloon shape. Here agn,
I'm 'thinking' that there was a modern version (1932) called the 01A that had the shoulder shaped bulb. Check here for more info: http://www.radiomuseum.org/tubes/tube_01a.html
73 de Bill K4JYS

----- Original Message -----

From: "Alex Marcianesi" <alexm_1968@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, May 21, 2013 12:10:05 PM
Subject: Re: [AWA Group] 01A in TX

Is the 01A the UX201A???

Sent from my iPhone

On 2013-05-21, at 11:26, Bill Stewart < cwopr@...m > wrote:

Hi Andy,
I have run a CX-301A in a TNT for years, it was my first AWA xmtr. I normally run it at 200vdc/20ma...or so. The input pwr is probably around 4 watts. As I understand, the expected efficiency for most of the '20s rigs is 30-35%, so, it may put out as much as 1 1/2 watts...don't have any way to measure the output pwr. I also use a C-301A (from 1924) in a 4 coil Meissner osc, from 1924 QST. I have run about the same voltage on that one, but am experimenting with increasing the B+ to at least 300vdc and maybe a tad more. Here again, probably about the same efficiency.
I haven't tried using a pair and would be interested in your results.
Good luck & 73 de Bill K4JYS

----- Original Message -----

From: "Andy UU1CC" < ur3ijc@gmail.com >
To: "AWAGroup" < AWAGroup@yahoogroups.com >
Sent: Tuesday, May 21, 2013 9:50:09 AM
Subject: [AWA Group] 01A in TX

Hi all,

I'm going to try pair of 01A tubes in P-P transmitter, but just before
I misspend a bunch of time&money - how much power should I expect?

--
73! Andy UU1CC

7834. Re: [AWA Group] 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 18:40:54 UTC
From: Alex Marcianesi
Topic: 7830 Message: 7834

I've built a transmitter with the UX201A
Hartley style but crystal controlled with the help of Keith VE2KXD
It works very nicely I still need to test it on the air, here is the neat part I'm using my laptop to key the transmitter.
Ill dig out the schematics and ill post them on the site.
Sent from my iPhone

On 2013-05-21, at 14:29, Bill Stewart <cwopr@...> wrote:

> Yes, I believe " '01A' or '01' " is the short name for all the family of UV-201(A)s, UX-201s, CX-301As etc. I think I'm right on this...all the aforementioned tubes had the balloon shape. Here agn,
>
> I'm 'thinking' that there was a modern version (1932) called the 01A that had the shoulder shaped bulb. Check here for more info:
http://www.radiomuseum.org/tubes/tube_01a.html
>
> 73 de Bill K4JYS
>
>
>
>
> From: "Alex Marcianesi" <alexm_1968@...>
> To: AWAGroup@yahoogroups.com
> Sent: Tuesday, May 21, 2013 12:10:05 PM
> Subject: Re: [AWA Group] 01A in TX
>
>
> Is the 01A the UX201A???
>
>
> Sent from my iPhone
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> On 2013-05-21, at 11:26, Bill Stewart <cwopr@...> wrote:
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> Hi Andy,
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> I have run a CX-301A in a TNT for years, it was my first AWA xmtr. I normally run
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> it at 200vdc/20ma...or so. The input pwr is probably around 4 watts. As I understand,
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> the expected efficiency for most of the '20s rigs is 30-35%, so, it may put out as much as
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> (from 1924) in a 4 coil Meissner osc, from 1924 QST. I have run about the same
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> voltage on that one, but am experimenting with increasing the B+ to at least
>
> 300vdc and maybe a tad more. Here again, probably about the same efficiency.
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> I haven't tried using a pair and would be interested in your results.
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> Good luck & 73 de Bill K4JYS
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> From: "Andy UU1CC" <ur3ijc@gmail.com>
> To: "AWAGroup" <AWAGroup@yahoogroups.com>
> Sent: Tuesday, May 21, 2013 9:50:09 AM
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> Hi all,
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> I'm going to try pair of 01A tubes in P-P transmitter, but just before
> I misspend a bunch of time&money - how much power should I expect?
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> --
> 73! Andy UU1CC
>
>
>
>
>

7835. Re: [AWA Group] 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 18:41:35 UTC
From: Andy UU1CC
Topic: 7830 Message: 7835

Thank you, Bill

Your answer is very helpful, it seems that those 01A tubes are more powerful than I thought. So be it.

On 05/21/2013 03:26 PM, Bill Stewart wrote:
>
>
> Hi Andy,
>
> I have run a CX-301A in a TNT for years, it was my first AWA xmtr. I
> normally run
>
> it at 200vdc/20ma...or so. The input pwr is probably around 4 watts. As
> I understand,
>
> the expected efficiency for most of the '20s rigs is 30-35%, so, it may
> put out as much as
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> 1 1/2 watts...don't have any way to measure the output pwr. I also use a
> C-301A
>
> (from 1924) in a 4 coil Meissner osc, from 1924 QST. I have run about
> the same
>
> voltage on that one, but am experimenting with increasing the B+ to at least
>
> 300vdc and maybe a tad more. Here again, probably about the same
> efficiency.
>
> I haven't tried using a pair and would be interested in your results.
>
> Good luck & 73 de Bill K4JYS

--
73! Andy UU1CC

7836. Re: [AWA Group] 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 19:04:37 UTC
From: Bill Stewart
Topic: 7830 Message: 7836

Andy, I too, was surprised at what could be squeezed out of a '01A. I have read
in some early '20s QSTs, a few hams used upwards of 1000 volts B+.
I, of course, would never try that, but will inch up from the 200vdc I usually use.
If I only had one tube, I would be real skittish about going too high. But since
I have a few, will give it a go...hi.
73 de Bill K4JYS

----- Original Message -----

From: "Andy UU1CC" <ur3ijc@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, May 21, 2013 2:41:35 PM
Subject: Re: [AWA Group] 01A in TX

Thank you, Bill

Your answer is very helpful, it seems that those 01A tubes are more
powerful than I thought. So be it.

On 05/21/2013 03:26 PM, Bill Stewart wrote:
>
>
> Hi Andy,
>
> I have run a CX-301A in a TNT for years, it was my first AWA xmtr. I
> normally run
>
> it at 200vdc/20ma...or so. The input pwr is probably around 4 watts. As
> I understand,
>
> the expected efficiency for most of the '20s rigs is 30-35%, so, it may
> put out as much as
>
> 1 1/2 watts...don't have any way to measure the output pwr. I also use a
> C-301A
>
> (from 1924) in a 4 coil Meissner osc, from 1924 QST. I have run about
> the same
>
> voltage on that one, but am experimenting with increasing the B+ to at least
>
> 300vdc and maybe a tad more. Here again, probably about the same
> efficiency.
>
> I haven't tried using a pair and would be interested in your results.
>

> Good luck & 73 de Bill K4JYS

--
73! Andy UU1CC

7837. Re: [AWA Group] 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 19:07:50 UTC
From: Bill Stewart
Topic: 7830 Message: 7837

Alex, that info would be interesting to see...Bill ----- Original Message ----- From: "Alex Marcianesi" To: AWAGroup@yahoogroups.com Sent: Tuesday, May 21, 2013 2:40:54 PM Subject: Re: [AWA Group] 01A in TX I've built a transmitter with the UX201A Hartley style but crystal controlled with the help of Keith VE2KXD It works very nicely I still need to test it on the air, here is the neat part I'm using my laptop to key the transmitter. Ill dig out the schematics and ill post them on the site. Sent from my iPhone On 2013-05-21, at 14:29, Bill Stewart < cwopr@... > wrote: Yes, I believe " '01A' or '01' " is the short name for all the family of UV-201(A)s, UX-201s, CX-301As etc. I think I'm right on this...all the aforementioned tubes had the balloon shape. Here agn, I'm 'thinking' that there was a modern version (1932) called the 01A that had the shoulder shaped bulb. Check here for more info: http://www.radiomuseum.org/tubes/tube_01a.html 73 de Bill K4JYS ----- Original Message ----- From: "Alex Marcianesi" < alexm_1968@... > To: AWAGroup@yahoogroups.com Sent: Tuesday, May 21, 2013 12:10:05 PM Subject: Re: [AWA Group] 01A in TX Is the 01A the UX201A??? Sent from my iPhone On 2013-05-21, at 11:26, Bill Stewart < cwopr@... > wrote: Hi Andy, I have run a CX-301A in a TNT for years, it was my first AWA xmtr. I normally run it at 200vdc/20ma...or so. The input pwr is probably around 4 watts. As I understand, the expected efficiency for most of the '20s rigs is 30-35%, so, it may put out as much as 1 1/2 watts...don't have any way to measure the output pwr. I also use a C-301A (from 1924) in a 4 coil Meissner osc, from 1924 QST. I have run about the same voltage on that one, but am experimenting with increasing the B+ to at least 300vdc and maybe a tad more. Here again, probably about the same efficiency. I haven't tried using a pair and would be interested in your results. Good luck & 73 de Bill K4JYS ----- Original Message ----- From: "Andy UU1CC" < ur3ijc@... > To: "AWAGroup" < AWAGroup@yahoogroups.com > Sent: Tuesday, May 21, 2013 9:50:09 AM Subject: [AWA Group] 01A in TX Hi all, I'm going to try pair of 01A tubes in P-P transmitter, but just before I misspend a bunch of time&money - how much power should I expect? -- 73! Andy UU1CC

7838. Re: [AWA Group] 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 19:47:46 UTC
From: Andy UU1CC
Topic: 7830 Message: 7838

On 05/21/2013 07:04 PM, Bill Stewart wrote:

> in some early '20s QSTs, a few hams used upwards of 1000 volts B+.

I've tried to use a #807 at 1200 B+ and it was not a very comfortable
to that tube, but *01A.. It's overkill (and we, HAM's are well known
overkillers)).

> If I only had one tube, I would be real skittish about going too high.
> But since I have a few, will give it a go...hi.

I have no one yet, so I plan to start with #19 and then, if the RIG
will work properly, I'll move to more suitable *01A's.

BTW, it's all about this (slightly modified) transmitter:
http://www.glowbugs.info/2013/05/How-to-win-the-ancient-QRP-contest.html

--
73! Andy UU1CC

7839. Re: [AWA Group] 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 20:09:47 UTC
From: Alex Marcianesi
Topic: 7830 Message: 7839

Hi Bill check the photo album called UX201A TX on the AWA Group

Alex

_____
From: Bill Stewart <cwopr@embarqmail.com>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, May 21, 2013 3:07:50 PM
Subject: Re: [AWA Group] 01A in TX

Alex, that info would be interesting to see...Bill

_____

From: "Alex Marcianesi" <alexm_1968@...>To: AWAGroup@yahoogroups.comSent: Tuesday, May 21, 2013 2:40:54 PMSubject: Re: [AWA Group] 01A in TX
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Ill dig out the schematics and ill post them on the site.
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>Is the 01A the UX201A???
>
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>>the expected efficiency for most of the '20s rigs is 30-35%, so, it may put out as much as
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>>(from 1924) in a 4 coil Meissner osc, from 1924 QST. I have run about the same
>>voltage on that one, but am experimenting with increasing the B+ to at least
>>300vdc and maybe a tad more. Here again, probably about the same efficiency.
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>>73! Andy UU1CC
>>
>>
>>

7840. Re: [AWA Group] 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 22:50:34 UTC
From: Bill Stewart
Topic: 7830 Message: 7840

Nice job Alex...tnx for the pix...Bill ----- Original Message ----- From: "Alex Marcianesi" To: AWAGroup@yahoogroups.com Sent: Tuesday, May 21, 2013 4:09:47 PM Subject: Re: [AWA Group] 01A in TX Hi Bill check the photo album called UX201A TX on the AWA Group Alex From: Bill Stewart To: AWAGroup@yahoogroups.com Sent: Tuesday, May 21, 2013 3:07:50 PM Subject: Re: [AWA Group] 01A in TX Alex, that info would be interesting to see...Bill From: "Alex Marcianesi" To: AWAGroup@yahoogroups.com Sent: Tuesday, May 21, 2013 2:40:54 PM Subject: Re: [AWA Group] 01A in TX I've built a transmitter with the UX201A Hartley style but crystal controlled with the help of Keith VE2KXD It works very nicely I still need to test it on the air, here is the neat part I'm using my laptop to key the transmitter. Ill dig out the schematics and ill post them on the site. Sent from my iPhone On 2013-05-21, at 14:29, Bill Stewart < cwopr@... > wrote: Yes, I believe " '01A' or '01' " is the short name for all the family of UV-201(A)s, UX-201s, CX-301As etc. I think I'm right on this...all the aforementioned tubes had the balloon shape. Here agn, I'm 'thinking' that there was a modern version (1932) called the 01A that had the shoulder shaped bulb. Check here for more info: http://www.radiomuseum.org/tubes/tube_01a.html 73 de Bill K4JYS From: "Alex Marcianesi" < alexm_1968@... > To: AWAGroup@yahoogroups.com Sent: Tuesday, May 21, 2013 12:10:05 PM Subject: Re: [AWA Group] 01A in TX Is the 01A the UX201A??? Sent from my iPhone On 2013-05-21, at 11:26, Bill Stewart < cwopr@... > wrote:
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7841. Are u ready?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-21 22:52:19 UTC
From: Louis Vermond
Topic: 7841 Message: 7841

```
Time left to BK 2013
UTC
200 : 00 : :
```

7842. Re: [AWA Group] 01A in TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-22 11:41:57 UTC
From: Alex Marcianesi
Topic: 7830 Message: 7842

Thanks Bill
Well I did some changes to it since those pics were taken, and I have a few more things to do to it. I like to experiment Like try different variable caps.

Alex

Sent from my iPhone

On 2013-05-21, at 18:50, Bill Stewart <cwopr@...> wrote:

> Nice job Alex...tnx for the pix...Bill
>
> From: "Alex Marcianesi" <alexm_1968@...>
> To: AWAGroup@yahoogroups.com
> Sent: Tuesday, May 21, 2013 4:09:47 PM
> Subject: Re: [AWA Group] 01A in TX
>
>
> Hi Bill check the photo album called UX201A TX on the AWA Group
>
> Alex
>
> From: Bill Stewart <cwopr@...m>
> To: AWAGroup@yahoogroups.com
> Sent: Tuesday, May 21, 2013 3:07:50 PM
> Subject: Re: [AWA Group] 01A in TX
>
> Alex, that info would be interesting to see...Bill
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> (from 1924) in a 4 coil Meissner osc, from 1924 QST. I have run about the same
> voltage on that one, but am experimenting with increasing the B+ to at least
> 300vdc and maybe a tad more. Here again, probably about the same efficiency.
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> From: "Andy UU1CC" <ur3ijc@...>To: "AWAGroup" <AWAGroup@yahoogroups.com>Sent: Tuesday, May 21, 2013 9:50:09 AMSubject: [AWA Group] 01A in TX
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> I'm going to try pair of 01A tubes in P-P transmitter, but just before
> I misspend a bunch of time&money - how much power should I expect?
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> --
> 73! Andy UU1CC
>
>
>
>

7843. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-25 12:51:04 UTC
From: Louis Vermond
Topic: 130 Message: 7843

http://www.ebay.com/itm/PAIR-OF-GENERAL-RADIO-TUBE-SOCKETS-TYPE-156-IN-GOOD-CONDITION-/190844754982?pt=LH_DefaultDomain_0&hash=item2c6f3bdc26#ht_109wt_1162

7844. Magic Eye Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-05-26 21:41:49 UTC
From: kmmab57
Topic: 7844 Message: 7844

Does anyone have a schematic of any radio that uses a 6M-E10 eye tube? If so, I would sure like to see a copy of same.

7845. eBay Alert All kinds of radio stuff!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-01 11:05:41 UTC
From: Louis Vermond
Topic: 7845 Message: 7845

http://www.ebay.com/sch/k8pyd/m.html?item=111086645789&ssPageName=ADME%3AB%3ASS%3AUS%3A1123&rt=nc&_trksid=p2047675.l2562

7846. WTB/WTT: 5750 NIXIE tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-03 14:04:59 UTC
From: Larry Szendrei
Topic: 7846 Message: 7846

Hi All,

Looking for a type 5750 nixie display tube needed to press an otherwise-functional "vintage" frequency counter back into service.

Would purchase for a reasonable price, or I have other nixie tubes or lots of other cool stuff to trade.

Please reply off-list.

Thanks,
-Larry/NE1S

7847. AVO Model 11817-147 tube tester

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-04 07:15:34 UTC
From: tannebri@btinternet.com
Topic: 7847 Message: 7847

AVO Valve Tester Model 11817-147 has anyone got a manual for one of these.

Many Thanks Brian G6HUI

7848. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-05 00:55:20 UTC
From: Louis Vermond
Topic: 130 Message: 7848

Vintage Softback 1935 ARRL Handbook for Radio Amateurs in Ham Radio 1st Printing

http://www.ebay.com/itm/Vintage-Softback-1935-ARRL-Handbook-for-Radio-Amateurs-in-Ham-Radio-1st-Printing-/121119743043?pt=LH_DefaultDomain_0&hash=item1c334c9c43#ht_686wt_1162

7849. nice photo

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-07 17:27:17 UTC
From: Louis Vermond
Topic: 7849 Message: 7849

Via: 73! Andy UU1CC

http://hamgallery.com/qsl/Interesting/mystery.htm

7850. eBay Alert 1930 QSTs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-08 15:30:43 UTC
From: Louis Vermond
Topic: 7850 Message: 7850

http://www.ebay.com/itm/1930-QST-MAGAZINE-FULL-YEAR-12-ISSUES-HAM-RADIO-TUBES-AMPLIFIERS-/350810450932?ssPageName=ADME:B:SS:US:1123

7851. HP

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-12 19:36:43 UTC
From: Louis Vermond
Topic: 7851 Message: 7851

http://news.cnet.com/2300-13576_3-10001072-13.html#2300-13576_3-10001072-18.html?&_suid=137106576046808933109915884052

7852. Re: [AWA Group] HP

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-12 21:02:15 UTC
From: Louis Vermond
Topic: 7851 Message: 7852
Attachments: 1 described; binary payloads are missing from this source WARC

http://news.cnet.com/2300-13576_3-10001072-13.html#2300-13576_3-10001072-18.html?&_suid=137106576046808933109915884052

No, it was from me. I just clicked on above and it took me to the site. Do not know what to say....

Is this real or a virus? With no text or even a "signature" I can't tell
if it was some sort of blanket emailing to everyone in your address book
or for real. Niel

HP "lab"

7853. Re: [AWA Group] HP

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-15 22:35:48 UTC
From: Don Buska - The Radio Lab Works
Topic: 7851 Message: 7853

I still own and use a Milwaukee Delta drill press like the one in the HP garage. Albeit mine is a full floor stand version. A little bit of oil every so often and that ol'drill press still reliably drills holes for my current vintage "looking" projects.

73
Don N9OO

7854. Airbus 380 on approach

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-16 22:05:55 UTC
From: Louis Vermond
Topic: 7854 Message: 7854

This is the Big Beast, i.e. the Airbus 380, of Lufthansa on approach to San Francisco as seen from the cockpit.

http://www.wimp.com/approachlanding/

7855. Home Page Photos?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-16 23:38:59 UTC
From: Louis Vermond
Topic: 7855 Message: 7855
Attachments: 1 described; binary payloads are missing from this source WARC

Hello out there....

We're looking for OT related photos for the Group home page. If you have such, with or without captions, please pass them on to me or VE7SL.

Tks, Lou
VE3AWA
Caption suggestions?

7856. Re: [AWA Group] Home Page Photos?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-17 00:10:59 UTC
From: Bob
Topic: 7855 Message: 7856
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou

This image was taken from The Boys Book of Wireless, 1924.
I wonder if his cost calculation was correct?

Bob VK7ZL

On 16/06/2013 23:38, Louis Vermond wrote:
>
> Hello out there....
> We're looking for OT related photos for the Group home page. If you
> have such, with or without captions, please pass them on to me or VE7SL.
> Tks, Lou
> VE3AWA
>

7857. Re: [AWA Group] Home Page Photos?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-17 06:16:48 UTC
From: Roger Kuchera
Topic: 7855 Message: 7857
Attachments: 1 described; binary payloads are missing from this source WARC

Hoover copying stock market returns.

Roger.

--- On Sun, 6/16/13, Louis Vermond <ldvermond@...> wrote:

From: Louis Vermond <ldvermond@sympatico.ca>
Subject: [AWA Group] Home Page Photos?
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Date: Sunday, June 16, 2013, 7:38 PM

Hello out there....

We're looking for OT related photos for the Group home page. If you have such, with or without captions, please pass them on to me or VE7SL.

Tks, Lou
VE3AWA
Caption suggestions?

7858. Re: [AWA Group] Home Page Photos?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-17 12:09:37 UTC
From: Charlie
Topic: 7855 Message: 7858

Early NSA activity???

Sent from my iPad

On Jun 17, 2013, at 2:16 AM, Roger Kuchera <rwkuchera@...> wrote:

>
> Hoover copying stock market returns.
>
> Roger.
>
> --- On Sun, 6/16/13, Louis Vermond <ldvermond@sympatico.ca> wrote:
>
> From: Louis Vermond <ldvermond@...>
> Subject: [AWA Group] Home Page Photos?
> To: "AWAGroup" <AWAGroup@yahoogroups.com>
> Date: Sunday, June 16, 2013, 7:38 PM
>
>
>
> Hello out there....
>
> We're looking for OT related photos for the Group home page. If you have such, with or without captions, please pass them on to me or VE7SL.
>
> Tks, Lou
> VE3AWA
> Caption suggestions?
> <The>
>
>

7859. eBay alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-17 12:41:23 UTC
From: KG4KGL
Topic: 7851 Message: 7859

http://bit.ly/1akYzkK

73,

Robert
KG4KGL

On Jun 12, 2013, at 15:36, Louis Vermond <ldvermond@...> wrote:

> http://news.cnet.com/2300-13576_3-10001072-13.html#2300-13576_3-10001072-18.html?&_suid=
137106576046808933109915884052
>

7860. Re: [AWA Group] eBay alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-17 14:54:12 UTC
From: Steve
Topic: 7851 Message: 7860

Robert....did you post this to the group? I didn't want to open the link as it looks suspicious??

Steve / VE7SL

http://bit.ly/1akYzkK

73,

Robert
KG4KGL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7861. Re: [AWA Group] eBay alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-17 15:03:49 UTC
From: Garey Barrell
Topic: 7851 Message: 7861

Steve -

It's a good link. Just a TinyURL of an eBay listing.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Steve wrote:
> Robert....did you post this to the group? I didn't want to open the link as
> it looks suspicious??
>
> Steve / VE7SL
>
>
> http://bit.ly/1akYzkK
>
> 73,
>
> Robert
> KG4KGL
>
>
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

7862. Re: [AWA Group] eBay alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-17 15:30:54 UTC
From: Steve
Topic: 7851 Message: 7862

Thanks Garey...you're braver than me :-)

Steve / 73

> Steve -
>
> It's a good link. Just a TinyURL of an eBay listing.
>
> 73, Garey - K4OAH
> Glen Allen, VA

> Steve wrote:
>> Robert....did you post this to the group? I didn't want to open the link
>> as
>> it looks suspicious??
>>
>> Steve / VE7SL
>>
>>
>> http://bit.ly/1akYzkK
>>
>> 73,
>>
>> Robert
>> KG4KGL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7863. Re: [AWA Group] eBay alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-17 15:53:34 UTC
From: KG4KGL
Topic: 7851 Message: 7863

I hit send by mistake before I cleaned up the email. The auction is for a Nat SW-3, PWR supply, and coil set.

Happy bidding,

Robert
KG4KGL

On Jun 17, 2013, at 11:30, "Steve" <ve7sl@...> wrote:

> Thanks Garey...you're braver than me :-)
>
> Steve / 73
>
> > Steve -
> >
> > It's a good link. Just a TinyURL of an eBay listing.
> >
> > 73, Garey - K4OAH
> > Glen Allen, VA
>
> > Steve wrote:
> >> Robert....did you post this to the group? I didn't want to open the link
> >> as
> >> it looks suspicious??
> >>
> >> Steve / VE7SL
> >>
> >>
> >> http://bit.ly/1akYzkK
> >>
> >> 73,
> >>
> >> Robert
> >> KG4KGL
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>

7864. Re: [AWA Group] Home Page Photos?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-17 17:54:29 UTC
From: Andy UU1CC
Topic: 7855 Message: 7864
Attachments: 1 described; binary payloads are missing from this source WARC

I love the caption: "The above illustration very clearly shows how one of the REL alternating current type short wave converters is connected to a standard broadcast band receiver"

On 06/16/2013 11:38 PM, Louis Vermond wrote:
> Hello out there....
> We're looking for OT related photos for the Group home page. If you have
> such, with or without captions, please pass them on to me or VE7SL.

--
73! Andy UU1CC

7865. Antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-18 02:45:32 UTC
From: KG4KGL
Topic: 7851 Message: 7865

To add one more item to my project list, I found a 160m ant design. It is an end fed grounded antenna for people who do not have space for a full size ant. It is a 1/4 wavelength long, with the ground making up the other 1/4. That is the theory anyway.

My question is, would this ant be tunable to other bands, say 30m or 15m?

Tnx

Robert
KG4KGL

7866. Re: [AWA Group] Antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-18 03:22:16 UTC
From: STEVE MCDONALD
Topic: 7851 Message: 7866

If you can feed it with ladder line you could tune this up on almost any band with a dedicated tuner. If fed with 50 ohm coax you might get lucky and find that it loads up on the odd band without any help but that would be doubtful. Just think of this antenna as a 160m dipole...a one band antenna when fed with 50 ohm coax.

Steve

My question is, would this ant be tunable to other bands, say 30m or 15m?

Tnx

Robert
KG4KGL

7867. Re: [AWA Group] Antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-18 04:45:45 UTC
From: Andy UU1CC
Topic: 7851 Message: 7867

On 06/18/2013 02:45 AM, KG4KGL wrote:
>
>
> To add one more item to my project list, I found a 160m ant design. It
> is an end fed grounded antenna for people who do not have space for a
> full size ant. It is a 1/4 wavelength long, with the ground making up
> the other 1/4. That is the theory anyway.
>
> My question is, would this ant be tunable to other bands, say 30m or 15m?
>

I'm using such an antenna. If you disconnect a far end from a ground,
you'll get a famous Half-square antenna on a 80m band. You can use that
antenna at all other bands as well, but radiating patterns shouldn't be
applicable for DX QSO.

--
73! Andy UU1CC

7868. Re: [AWA Group] Antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-18 12:18:42 UTC
From: KG4KGL
Topic: 7851 Message: 7868
Attachments: 1 described; binary payloads are missing from this source WARC

Well this ant design was before coax was available/affordable to the average op. it says that the vertical section is what gives the ant it's DX capability, with its low angle of radiation. The horizontal portion is for local contacts.

Here is the schematic:

Robert
KG4KGL

On Jun 17, 2013, at 23:22, STEVE MCDONALD <ve7sl@...> wrote:

>
> If you can feed it with ladder line you could tune this up on almost any band with a dedicated tuner. If fed with 50 ohm coax you might get lucky and find that it loads up on the odd band without any help but that would be doubtful. Just think of this antenna as a 160m dipole...a one band antenna when fed with 50 ohm coax.
>
> Steve
>
> My question is, would this ant be tunable to other bands, say 30m or 15m?
>
> Tnx
>
> Robert
> KG4KGL
>

7869. Re: [AWA Group] Antenna question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-18 13:06:41 UTC
From: Larry Szendrei
Topic: 7851 Message: 7869

On 6/17/13 10:45 PM, KG4KGL wrote:
> To add one more item to my project list, I found a 160m ant design. It
> is an end fed grounded antenna for people who do not have space for a
> full size ant. It is a 1/4 wavelength long, with the ground making up
> the other 1/4. That is the theory anyway.
>
> My question is, would this ant be tunable to other bands, say 30m or 15m?
>
>
Robert,

The short answer is "yes."

A popular antenna for 160M - 20M in the early 1930s was cut for 1/4 wavelength, including lead-in, for 160M (132"). This was called a "Marconi," and presented a low-Z at the feedpoint. On the 2nd harmonic (80M) the same antenna was called a end-fed Hertz, and presented a high impedance at the feedpoint. In those days this just meant connecting the lead-in/antenna closer to the plate on the tank coil (through a condenser to keep DC off the antenna if necessary), or matching in a more sophisticated coupling network. Such a system presents a low feed point impedance on odd harmonics and a high impedance on even harmonics. On bands where the feed point impedance is low, ground resistance must be kept low because if not, an appreciable amount of energy will be dissipated there and not radiated. Unless you are lucky enough to have a salt water ground (like VE7SL?) this usually means burying lots of radials beneath the antenna. This system dates before the days of coax, but if you feed it with coax, you will only be able to use it on the fundamental and odd harmonics.

There is no reason why the same antenna can't be used above 20M, but back in the day when this system was conceived 15M wasn't an amateur band, and 10M was considered VHF and "experimental."

The above sounds like the antenna you are considering.

73,
-Larry/NE1S

7870. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-22 13:56:32 UTC
From: Louis Vermond
Topic: 130 Message: 7870

Many pre-WW2 QSTs & Handbooks....

http://www.ebay.com/sch/eebuyz/m.html?item=300922720807&ssPageName=ADME%3AB%3ASS%3AUS%3A1123&rt=nc&_trksid=p2047675.l2562

7871. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-22 14:03:47 UTC
From: Eddy Swynar
Topic: 130 Message: 7871

Hi Lou,

WOW...!!!

Lotsa goodies, to be sure. Made me think of my post-SK days to come here---I have ALL those items, & then some! Hi Hi

~73~ de Eddy VE3CUI - VE3XZ

On 2013-06-22, at 9:56 AM, Louis Vermond wrote:

>
> Many pre-WW2 QSTs & Handbooks....
>
> http://www.ebay.com/sch/eebuyz/m.html?item=300922720807&ssPageName=ADME%3AB%3ASS%3AUS%3A1123&rt=nc&_trksid=p2047675.l2562
>
>

7872. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-22 15:21:14 UTC
From: Louis Vermond
Topic: 130 Message: 7872

Made me think of my post-SK days to come here--- On that happy note....!

Take care, Eddy, Lou

7873. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-23 16:24:29 UTC
From: Louis Vermond
Topic: 130 Message: 7873

What is it?

http://www.ebay.com/itm/Vintage-Radio-transmitting-equipment-WESTON-MILLIAMPERES-425-Sangamo-compacitor-/161051861520?ssPageName=ADME:B:SS:US:1123

7874. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-23 16:53:11 UTC
From: N1BUG
Topic: 130 Message: 7874

Looks to me like a L network antenna coupler. Coax input, through the RF mA meter, then the L network: series L, shunt C on single wire antenna output side.

73,
Paul N1BUG

On 06/23/2013 12:24 PM, Louis Vermond wrote:
>
>
> What is it?
> http://www.ebay.com/itm/161051861520

7875. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-23 17:07:12 UTC
From: Steve Flood
Topic: 130 Message: 7875

What is it?

Looks like an L-network antenna match. Adjustable shunt C and series L.

Steve

7876. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-23 17:21:22 UTC
From: Steve Flood
Topic: 130 Message: 7876

What is it?

Further.

Assuming that is 50-ohm coax hooked to a 50-ohm rig, and the insulator is for the antenna, then the L-configuration is for a low-pass step-up transformer. Probably a high-Z end fed wire or single-wire "feeder".

What was that 70's game show where celebrities had to guess strange objects?

Steve

7877. Antique store find

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-23 22:20:27 UTC
From: KG4KGL
Topic: 7851 Message: 7877
Attachments: 1 described; binary payloads are missing from this source WARC

For just $25.00, I got this, an R-14 headset. Now my question is, this is not a standard length male plug. Where can I find an appropriate female connector for this?

Tnx,

Robert
KG4KGL

Sent from my iPhone

On Jun 17, 2013, at 10:54, "Steve" <ve7sl@...> wrote:

> Robert....did you post this to the group? I didn't want to open the link as
> it looks suspicious??
>
> Steve / VE7SL
>
> http://bit.ly/1akYzkK
>
> 73,
>
> Robert
> KG4KGL
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>

7878. RE: [AWA Group] Antique store find

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-23 23:07:17 UTC
From: Steve Flood
Topic: 7851 Message: 7878

Robert,

That stubby PL-54 will fit into a JK-26 female connector. I found an extension cord with a JK-26 on one end and a PL-55 (standard ¼" plug) on the other. I got it from one of the surplus outfits (Fair Radio maybe??).

Steve KK7UV

7879. Re: [AWA Group] Antique store find

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-24 00:22:50 UTC
From: Louis Vermond
Topic: 7851 Message: 7879
Attachments: 1 described; binary payloads are missing from this source WARC

Robert,

What is the dimension between these points?

7880. RE: [AWA Group] Antique store find

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-24 02:20:31 UTC
From: Steve Flood
Topic: 7851 Message: 7880

I got it from one of the surplus outfits

>http://www.warbird-parts.com/invent/radio.html<

Item #J-34. CD-307 headset extension cord. 8 bucks.

7881. Re: [AWA Group] Antique store find

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-24 02:51:26 UTC
From: KG4KGL
Topic: 7851 Message: 7881

I measure roughly 0.5 inches

Robert
KG4KGL

Sent from my iPhone

On Jun 23, 2013, at 20:22, Louis Vermond <ldvermond@...> wrote:

> □
>
> Robert,
>
> What is the dimension between these points?
>
> <!cid_41823F43-B9B3-4943-AD92-4E07743E9CE3.jpg>
>

7882. Re: [AWA Group] Antique store find

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-24 12:21:55 UTC
From: Louis Vermond
Topic: 7851 Message: 7882

GM Robert,

Before I look thru my junk, is it a panel mounting jack you are looking for? Lou

I measure roughly 0.5 inches

Robert
KG4KGL

Sent from my iPhone

On Jun 23, 2013, at 20:22, Louis Vermond <ldvermond@...> wrote:

□

Robert,

What is the dimension between these points?

<!cid_41823F43-B9B3-4943-AD92-4E07743E9CE3.jpg>

7883. Re: [AWA Group] Antique store find

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-24 13:53:36 UTC
From: KG4KGL
Topic: 7851 Message: 7883

GM Louis,

No, I need the J-38 patch cord that Steve referenced in his reply, due the short length of the headset cable.

Tnx

Robert
KG4KGL

On Jun 24, 2013, at 8:21, Louis Vermond <ldvermond@...> wrote:

> □
>
> GM Robert,
>
> Before I look thru my junk, is it a panel mounting jack you are looking for? Lou
>
> I measure roughly 0.5 inches
>
> Robert
> KG4KGL
>
> Sent from my iPhone
>
> On Jun 23, 2013, at 20:22, Louis Vermond <ldvermond@...> wrote:
>
>>
>> □
>>
>> Robert,
>>
>> What is the dimension between these points?
>>
>> <!cid_41823F43-B9B3-4943-AD92-4E07743E9CE3.jpg>
>
>

7884. Re: [AWA Group] Antique store find

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-24 14:29:53 UTC
From: Louis Vermond
Topic: 7851 Message: 7884

OK, Robert. I'd better read these things more closely! 73, Lou

----- Original Message -----
From: KG4KGL
To: AWAGroup@yahoogroups.com
Sent: 2013-06-24 9:53 AM
Subject: Re: [AWA Group] Antique store find

GM Louis,

No, I need the J-38 patch cord that Steve referenced in his reply, due the short length of the headset cable.

Tnx

Robert
KG4KGL

On Jun 24, 2013, at 8:21, Louis Vermond <ldvermond@sympatico.ca> wrote:

□

GM Robert,

Before I look thru my junk, is it a panel mounting jack you are looking for? Lou

I measure roughly 0.5 inches

Robert
KG4KGL

Sent from my iPhone

On Jun 23, 2013, at 20:22, Louis Vermond <ldvermond@sympatico.ca> wrote:

□

Robert,

What is the dimension between these points?

<!cid_41823F43-B9B3-4943-AD92-4E07743E9CE3.jpg>

7885. EBAY alert - spaghetti tubing

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-25 10:32:33 UTC
From: steve
Topic: 7885 Message: 7885

Item 160815715801

Spaghetii tubing.

7886. eBay Alert... Radiotron Model UV 202 GE Vacuum Tube brass N

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-06-25 18:30:27 UTC
From: Louis Vermond
Topic: 7886 Message: 7886

Hello Louis. I got out my Fluke and checked it. I'm not familiar with where each of the 4 pins leads, but I did have continuity between 2 of the pins. All other variations I had nothing. Does this sound correct? I'm supposing that would be all I need for the filament.

file:///C:/Documents%20and%20Settings/Louis%20Vermond/Desktop/Radiotron%20Model%20UV%20202%20GE%20Vacuum%20Tube%20Brass%20N%20%20%20eBay.htm

7887. Millen cap question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-01 16:14:10 UTC
From: Roger Kuchera
Topic: 7887 Message: 7887

Gentlemen,

After checking for an old Millen catalog on the net, I decided that the great AWA fountain of data was the place to go.

I wonder if any one can give me the technical data on a Millen 19935 variable capacitor. A quick check with my crude LCR bridge shows a min. cap. of 9 uuF and a max. cap of 42 uuf. It is a SL capacity type and appears double spaced.

As always, my thanks to all for helping.

CUL, Roger/K1TG

7888. Re: [AWA Group] Millen cap question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-01 23:59:30 UTC
From: Don Buska - The Radio Lab Works
Topic: 7887 Message: 7888
Attachments: 1 described; binary payloads are missing from this source WARC

Roger this should do it.

73 Don N9OO

7889. RE: [AWA Group] Millen cap question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-02 00:00:53 UTC
From: Steve Flood
Topic: 7887 Message: 7889
Attachments: 1 described; binary payloads are missing from this source WARC

technical data on a Millen 19935 variable

Is this what you're after Roger?

7890. Re: [AWA Group] Millen cap question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-02 04:19:28 UTC
From: Roger Kuchera
Topic: 7887 Message: 7890
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Don,
     That's the ticket. Thanks for the scoop.

CUL, Roger/K1TG

From: Don Buska - The Radio Lab Works <don@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, July 1, 2013 7:59 PM
Subject: Re: [AWA Group] Millen cap question

Roger this should do it.

73 Don N9OO

7891. Re: [AWA Group] Millen cap question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-02 04:18:06 UTC
From: Roger Kuchera
Topic: 7887 Message: 7891
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Steve,
     Right on the money. I guess my crude LCR meter wasn't too far off. Thank You.

CUL, Roger/K1TG

From: Steve Flood <kk7uv@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, July 1, 2013 8:00 PM
Subject: RE: [AWA Group] Millen cap question

technical data on a Millen 19935 variable

Is this what you’re after Roger?

7892. Thank You

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-02 12:52:01 UTC
From: Roger Kuchera
Topic: 7892 Message: 7892

Gentlemen,

I'd like to thank those of the AWA who helped me ID the Millen variable. Luckily, it was just what I needed for a project that is in the works.

CUL, Roger/K1TG

7893. Message Received

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-07 00:00:33 UTC
From: Louis Vermond
Topic: 7893 Message: 7893

http://www.laphamsquarterly.org/deja_vu/2013/06/message-received.php

7894. Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-07 04:38:30 UTC
From: KG4KGL
Topic: 7894 Message: 7894

Sitting in bed reading over regen circuits and coil calculations for my regen project, a question popped into my head. It is easy to zero beat a CW sIg. on a transceiver, but how do you do it when you have separate transmitter and receiver?

Tnx,

Robert
KG4KGL

7895. Re: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-07 04:58:02 UTC
From: ne1s@...
Topic: 7894 Message: 7895

> Sitting in bed reading over regen circuits and coil calculations for my
> regen project, a question popped into my head. It is easy to zero beat a
> CW sIg. on a transceiver, but how do you do it when you have separate
> transmitter and receiver?
>
> Tnx,
>
> Robert
> KG4KGL
>
>

Robert,

It's really easy - Just set the RX BFO frequency to the "centered" position (i.e., BFO freq at center of the IF passband), tune the transmitter BFO for "zero beat" in the receiver, and then tune the BFO frequency either higher or lower from the "centered" point until the audio pitch is pleasing to your ear. With QRM, picking out the signal you want is easiest at lower frequencies - because it is easier to discern 700 Hz from 800 Hz than 1900 from 2000 Hz, for example.

OTOH, if you really "zero beat" with a typical transceiver you'll actually not be on the other guys frequency. With transceivers, you are best off tuning for maximum "S" meter deflection indication the signal is centered in the passband; usually this will put you pretty close, especially if using a narrow filter.

73,
-Larry/NE1S

7896. Re: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-07 11:07:05 UTC
From: KG4KGL
Topic: 7894 Message: 7896

Thanks Larry,

I am thinking about a simple regen and a Heath DX-20 with a VFO.

On Jul 7, 2013, at 0:58, ne1s@... wrote:
>
> Robert,
>
> It's really easy - Just set the RX BFO frequency to the "centered"
> position (i.e., BFO freq at center of the IF passband), tune the
> transmitter BFO for "zero beat" in the receiver, and then tune the BFO
> frequency either higher or lower from the "centered" point until the audio
> pitch is pleasing to your ear. With QRM, picking out the signal you want
> is easiest at lower frequencies - because it is easier to discern 700 Hz
> from 800 Hz than 1900 from 2000 Hz, for example.
>
> OTOH, if you really "zero beat" with a typical transceiver you'll actually
> not be on the other guys frequency. With transceivers, you are best off
> tuning for maximum "S" meter deflection indication the signal is centered
> in the passband; usually this will put you pretty close, especially if
> using a narrow filter.
>
> 73,
> -Larry/NE1S
>
>

7897. Re: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-08 00:49:27 UTC
From: Niel - W0VLZ
Topic: 7894 Message: 7897

Robert,

You'll need a well shielded VFO to directly zero beat your regen and DX20/VFO. Typically your regen will overload/block on the DX20/VFO signal making it impossible to locate the zero beat.

I have to use a seperate rig (my ICOM 735 code/frequency monitor) to get my SW3 on to the transmitter frequency. See http://www.prismnet.com/~nielw/1929Stn/1929Station.htm about 2:30 into the "Station Tuneup" video. If you are trying to answer a CQ on frequency you will need to use your code/frequency monitor to locate the regen oscillator then beat the DX20/VFO using your code/frequency monitor.

Instead of zero beating the CQ try calibrating your regen bandspread dial so that you have a chance of setting the DX20/VFO to close to the same frequency.

73,
Niel

KG4KGL wrote:
> Thanks Larry,
>
> I am thinking about a simple regen and a Heath DX-20 with a VFO.
>
> On Jul 7, 2013, at 0:58, ne1s@...
> <mailto:ne1s@...> wrote:
>>
>>
>> Robert,
>>
>> It's really easy - Just set the RX BFO frequency to the "centered"
>> position (i.e., BFO freq at center of the IF passband), tune the
>> transmitter BFO for "zero beat" in the receiver, and then tune the BFO
>> frequency either higher or lower from the "centered" point until the
>> audio
>> pitch is pleasing to your ear. With QRM, picking out the signal you want
>> is easiest at lower frequencies - because it is easier to discern 700 Hz
>> from 800 Hz than 1900 from 2000 Hz, for example.
>>
>> OTOH, if you really "zero beat" with a typical transceiver you'll
>> actually
>> not be on the other guys frequency. With transceivers, you are best off
>> tuning for maximum "S" meter deflection indication the signal is centered
>> in the passband; usually this will put you pretty close, especially if
>> using a narrow filter.

```
>>
>> 73,
>> -Larry/NE1S
>>
>
```

7898. Re: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-08 18:34:42 UTC
From: ne1s@...
Topic: 7894 Message: 7898

Good points, Niel. I had missed that Robert was going to use a regen rcvr.
In this case, I use an LM-5 frequency meter, or R-390A receiver, for the
"third party."

73,
-Larry/NE1S

> Robert,
>
> You'll need a well shielded VFO to directly zero beat your regen and
> DX20/VFO. Typically your regen will overload/block on the DX20/VFO
> signal making it impossible to locate the zero beat.
>
> I have to use a seperate rig (my ICOM 735 code/frequency monitor) to get
> my SW3 on to the transmitter frequency. See
> http://www.prismnet.com/~nielw/1929Stn/1929Station.htm about 2:30 into
> the "Station Tuneup" video. If you are trying to answer a CQ on
> frequency you will need to use your code/frequency monitor to locate the
> regen oscillator then beat the DX20/VFO using your code/frequency monitor.
>
> Instead of zero beating the CQ try calibrating your regen bandspread
> dial so that you have a chance of setting the DX20/VFO to close to the
> same frequency.
>
> 73,
> Niel
>
> KG4KGL wrote:
>> Thanks Larry,
>>
>> I am thinking about a simple regen and a Heath DX-20 with a VFO.
>>
>> On Jul 7, 2013, at 0:58, ne1s@...
>> <mailto:ne1s@...> wrote:
>>>
>>>
>>> Robert,
>>>
>>> It's really easy - Just set the RX BFO frequency to the "centered"
>>> position (i.e., BFO freq at center of the IF passband), tune the
>>> transmitter BFO for "zero beat" in the receiver, and then tune the BFO
>>> frequency either higher or lower from the "centered" point until the
>>> audio
>>> pitch is pleasing to your ear. With QRM, picking out the signal you
>>> want

```
>>> is easiest at lower frequencies - because it is easier to discern 700
>>> Hz
>>> from 800 Hz than 1900 from 2000 Hz, for example.
>>>
>>> OTOH, if you really "zero beat" with a typical transceiver you'll
>>> actually
>>> not be on the other guys frequency. With transceivers, you are best off
>>> tuning for maximum "S" meter deflection indication the signal is
>>> centered
>>> in the passband; usually this will put you pretty close, especially if
>>> using a narrow filter.
>>>
>>> 73,
>>> -Larry/NE1S
>>>
>>
>
>
```

7899. New Member -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-09 12:04:30 UTC
From: Mike Feher
Topic: 7899 Message: 7899

Please welcome Mark, KB7WAL, to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

7900. Re: [AWA Group] New Member -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-09 12:39:41 UTC
From: KG4KGL
Topic: 7899 Message: 7900

Hello Mark!

73,

Robert
KG4KGL

On Jul 9, 2013, at 8:04, "Mike Feher" <n4fs@...> wrote:

> Please welcome Mark, KB7WAL, to the group. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
>

7901. Re: [AWA Group] New Member -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-09 12:58:13 UTC
From: Roger Kuchera
Topic: 7899 Message: 7901

Howdy Mike,
     Welcome to The League of Extraordinary Gentlemen.

CUL, Roger/K1TG

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, July 9, 2013 8:04 AM
Subject: [AWA Group] New Member -

Please welcome Mark, KB7WAL, to the group. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

7902. Re: [AWA Group] New Member -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-09 13:10:40 UTC
From: Bill Stewart
Topic: 7899 Message: 7902

Welcome Mark
73 de Bill K4JYS

----- Original Message -----

From: "Mike Feher" <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, July 9, 2013 8:04:30 AM
Subject: [AWA Group] New Member -

Please welcome Mark, KB7WAL, to the group. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

7903. Re: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-09 15:48:37 UTC
From: Ron Barlow
Topic: 7894 Message: 7903

Welcome to the group, Mark!

I have read that a seperate, single tube, battery operated regenerative receiver was used, in the good old days, as a means to syncronize the frequency of one's main regenerative type receiver, with the frequency of one's transmitter. This one tube receiver was shielded well enough to prevent overload, from the transmitter, but not so well shielded that it could not hear the oscillating detector, of the main station receiver. Each signal was aligned with zero beat, as observed on this secondary receiver.
If I recall correctly (occasionally, I do), this secondary, one tube receiver was called a "growler".

GL & 73 de Ron n4gjv

From: KG4KGL <kg4kgl@...>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Sunday, July 7, 2013 7:07 AM
Subject: Re: [AWA Group] Late night regen musings

Thanks Larry,

I am thinking about a simple regen and a Heath DX-20 with a VFO.
On Jul 7, 2013, at 0:58, ne1s@... wrote:

>
>Robert,
>
>It's really easy - Just set the RX BFO frequency to the "centered"
>position (i.e., BFO freq at center of the IF passband), tune the
>transmitter BFO for "zero beat" in the receiver, and then tune the BFO
>frequency either higher or lower from the "centered" point until the audio
>pitch is pleasing to your ear. With QRM, picking out the signal you want
>is easiest at lower frequencies - because it is easier to discern 700 Hz
>from 800 Hz than 1900 from 2000 Hz, for example.
>
>OTOH, if you really "zero beat" with a typical transceiver you'll actually
>not be on the other guys frequency. With transceivers, you are best off
>tuning for maximum "S" meter deflection indication the signal is centered
>in the passband; usually this will put you pretty close, especially if
>using a narrow filter.
>
>73,
>-Larry/NE1S
>
>

7904. Re: [AWA Group] New Member -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-09 16:57:19 UTC
From: Leonard Meek
Topic: 7899 Message: 7904

Aloha, Mark.

Leonard
----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: Tuesday, July 09, 2013 2:04 AM
Subject: [AWA Group] New Member -

Please welcome Mark, KB7WAL, to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

7905. Re: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-09 19:39:33 UTC
From: steve
Topic: 7894 Message: 7905

>>a seperate,Â single tube, battery operated regenerative receiver was used, in the good old days,

Also termed a 'monitor'. I put together one here for use with the '29 station. It uses a single UX-199 with battery operated B+ and filament.
It works splendidly! Plus, you take on the look of a very serious operator wearing two sets of headphones!

Steve, KK7UV

7906. Re: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-09 20:58:10 UTC
From: Louis Vermond
Topic: 7894 Message: 7906

Steve, Do not recall seeing that. Pic? Lou

----- Original Message -----
From: steve
To: AWAGroup@yahoogroups.com
Sent: 2013-07-09 3:39 PM
Subject: Re: [AWA Group] Late night regen musings

>>a seperate,Â single tube, battery operated regenerative receiver was used, in the good old days,

Also termed a 'monitor'. I put together one here for use with the '29 station. It uses a single UX-199 with battery operated B+ and filament.
It works splendidly! Plus, you take on the look of a very serious operator wearing two sets of headphones!

Steve, KK7UV

7907. RE: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-10 11:13:59 UTC
From: Steve Flood
Topic: 7894 Message: 7907
Attachments: 1 described; binary payloads are missing from this source WARC

Sorry Robert – still trying to learn my new camera. Try this one.

From: KG4KGL [mailto:kg4kgl@...]
Sent: Tuesday, July 09, 2013 8:50 PM
To: Steve Flood
Subject: Re: [AWA Group] Late night regen musings

Thanks for the reply. I hate to be a pest, but I can not read the schematic. When I try to enlarge it, it only gets blurred.

73,

Robert

KG4KGL

On Jul 9, 2013, at 21:18, "Steve Flood" <kk7uv@...> wrote:

<image007.jpg><image008.jpg><image009.jpg>

Here’s the ’29 station monitor.

The batteries are located under the bakelite deck and accessible through the bottom cover. The deck holds the 199 and coil socket, and a piece of poplar to hold the other two band coils.

Steve, KK7UV

7908. Vintage gear in FD

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-11 13:14:54 UTC
From: Roger Kuchera
Topic: 7908 Message: 7908

Gentlemen,

I recently heard from a friend of mine (W7EKB/Ken) re: an effort to get a class or possibly a multiplier for vintage gear used in the ARRL Field Day. I know that their are some folks who don't care for the ARRL but we have a chance to put forward the use of Vintage gear on a National basis.

I would like to ask, if it is OK with the AWA hierarchy, that the members who support this idea send a message of support for this effort to the ARRL.

The email address is: fieldday@...

Thank you one and all.

CUL, Roger/K1TG

7909. Fwd: [Milsurplus] Night of nights

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-12 10:36:56 UTC
From: Bill Stewart
Topic: 7909 Message: 7909

GM all...thought some of you might be interested in tuning in.
73 de Bill K4JYS

----- Forwarded Message -----
From: "Bill Cromwell" <wrcromwell@...>
To: milsurplus@...
Sent: Thursday, July 11, 2013 10:24:01 PM
Subject: [Milsurplus] Night of nights

Hi,

There will be transmissions from some of the old maritime coastal stations Friday night. Details are here:

http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5

I will be putting my BC-453 online to hunt for the transmissions around 600 meters. I'm afraid my RAK is deteriorating from age (tubes, caps, resistors?) and I'll do some "A/B" type comparisons against the BC453 which has been working very well. Once upon a time I used those coastal stations to build up my Morse proficiency. So tomorrow will be a nostalgia event.

73,

Bill KU8H

Milsurplus mailing list
Home: http://mailman.qth.net/mailman/listinfo/milsurplus
Help: http://mailman.qth.net/mmfaq.htm
Post: mailto:Milsurplus@...

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

7910. Re: [AWA Group] Fwd: [Milsurplus] Night of nights

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-12 11:45:07 UTC
From: N1BUG
Topic: 7909 Message: 7910

Thanks Bill. No station set up here but passed it on to friends.

73,
Paul

On 07/12/2013 06:36 AM, Bill Stewart wrote:
> GM all...thought some of you might be interested in tuning in.
> 73 de Bill K4JYS
>
> ----- Forwarded Message -----
> From: "Bill Cromwell" <wrcromwell@...>
> To: milsurplus@...
> Sent: Thursday, July 11, 2013 10:24:01 PM
> Subject: [Milsurplus] Night of nights
>
> Hi,
>
> There will be transmissions from some of the old maritime coastal
> stations Friday night. Details are here:
>
> http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5
>
> I will be putting my BC-453 online to hunt for the transmissions around
> 600 meters. I'm afraid my RAK is deteriorating from age (tubes, caps,
> resistors?) and I'll do some "A/B" type comparisons against the BC453
> which has been working very well. Once upon a time I used those coastal
> stations to build up my Morse proficiency. So tomorrow will be a
> nostalgia event.
>
> 73,
>
> Bill KU8H

7911. Re: [AWA Group] Fwd: [Milsurplus] Night of nights

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-12 23:17:30 UTC
From: Jim Robson
Topic: 7909 Message: 7911

That's pretty neat, Bill. I'll have a listen. 73. Jim/VE3BHK

On 12/07/13 6:36 AM, Bill Stewart wrote:
>
> GM all...thought some of you might be interested in tuning in.
> 73 de Bill K4JYS
>
> ----- Forwarded Message -----
> From: "Bill Cromwell" <wrcromwell@...
> <mailto:wrcromwell%40gmail.com>>
> To: milsurplus@... <mailto:milsurplus%40mailman.qth.net>
> Sent: Thursday, July 11, 2013 10:24:01 PM
> Subject: [Milsurplus] Night of nights
>
> Hi,
>
> There will be transmissions from some of the old maritime coastal
> stations Friday night. Details are here:
>
> http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5
> <http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5>
>
> I will be putting my BC-453 online to hunt for the transmissions around
> 600 meters. I'm afraid my RAK is deteriorating from age (tubes, caps,
> resistors?) and I'll do some "A/B" type comparisons against the BC453
> which has been working very well. Once upon a time I used those coastal
> stations to build up my Morse proficiency. So tomorrow will be a
> nostalgia event.
>
> 73,
>
> Bill KU8H
> _____
> Milsurplus mailing list
> Home: http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
> <mailto:Milsurplus%40mailman.qth.net>
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html
>
>

7912. Re: [AWA Group] Fwd: [Milsurplus] Night of nights

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-13 00:25:34 UTC
From: Jim Robson
Topic: 7909 Message: 7912

On 80m:

*> K6KPH

*Frequency Transmitter Antenna

3550.0 Henry HF-5000D Double Extended Zepp

73, JIm/VE3BHK

On 12/07/13 7:17 PM, Jim Robson wrote:
>
> That's pretty neat, Bill. I'll have a listen. 73. Jim/VE3BHK
>
> On 12/07/13 6:36 AM, Bill Stewart wrote:
>
>> GM all...thought some of you might be interested in tuning in.
>> 73 de Bill K4JYS
>>
>> ----- Forwarded Message -----
>> From: "Bill Cromwell" <wrcromwell@...
>> <mailto:wrcromwell%40gmail.com>>
>> To: milsurplus@... <mailto:milsurplus%40mailman.qth.net>
>> Sent: Thursday, July 11, 2013 10:24:01 PM
>> Subject: [Milsurplus] Night of nights
>>
>> Hi,
>>
>> There will be transmissions from some of the old maritime coastal
>> stations Friday night. Details are here:
>>
>> http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5
>> <http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5>
>>
>> I will be putting my BC-453 online to hunt for the transmissions around
>> 600 meters. I'm afraid my RAK is deteriorating from age (tubes, caps,
>> resistors?) and I'll do some "A/B" type comparisons against the BC453
>> which has been working very well. Once upon a time I used those coastal
>> stations to build up my Morse proficiency. So tomorrow will be a
>> nostalgia event.
>>
>> 73,
>>
>> Bill KU8H
>> _____
>> Milsurplus mailing list

>> Home: http://mailman.qth.net/mailman/listinfo/milsurplus
>> Help: http://mailman.qth.net/mmfaq.htm
>> Post: mailto:Milsurplus@...
>> <mailto:Milsurplus%40mailman.qth.net>
>>
>> This list hosted by: http://www.qsl.net
>> Please help support this email list: http://www.qsl.net/donate.html
>>
>

7913. Re: [AWA Group] Fwd: [Milsurplus] Night of nights

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-13 00:52:47 UTC
From: Bill Stewart
Topic: 7909 Message: 7913

GE Jim, I haven't hrd K6KPH yet, but have copied KPH, KFS, KSM, WLO & KLB on various freqs. & with generally good sigs. No CG stns hrd yet or anything around 500kc. Its great to hear these stns again. Back in the late '50s and into the 60s, would copy some of them a lot. I'm a 'early to bed' guy, so probably won't stay up too long. Have fun...73 de Bill K4JYS/North Carolina ----- Original Message ----- From: "Jim Robson" To: AWAGroup@yahoogroups.com Sent: Friday, July 12, 2013 8:25:34 PM Subject: Re: [AWA Group] Fwd: [Milsurplus] Night of nights On 80m: > K6KPH Frequency Transmitter Antenna 3550.0 Henry HF-5000D Double Extended Zepp 73, JIm/VE3BHK On 12/07/13 7:17 PM, Jim Robson wrote: That's pretty neat, Bill. I'll have a listen. 73. Jim/VE3BHK On 12/07/13 6:36 AM, Bill Stewart wrote:
GM all...thought some of you might be interested in tuning in. 73 de Bill K4JYS ----- Forwarded Message ----- From: "Bill Cromwell" < wrcromwell@... > To: milsurplus@....net Sent: Thursday, July 11, 2013 10:24:01 PM Subject: [Milsurplus] Night of nights Hi, There will be transmissions from some of the old maritime coastal stations Friday night. Details are here: http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5 I will be putting my BC-453 online to hunt for the transmissions around 600 meters. I'm afraid my RAK is deteriorating from age (tubes, caps, resistors?) and I'll do some "A/B" type comparisons against the BC453 which has been working very well. Once upon a time I used those coastal stations to build up my Morse proficiency. So tomorrow will be a nostalgia event. 73, Bill KU8H _____ Milsurplus mailing list Home: http://mailman.qth.net/mailman/listinfo/milsurplus Help: http://mailman.qth.net/mmfaq.htm Post: mailto: Milsurplus@... This list hosted by: http://www.qsl.net Please help support this email list: http://www.qsl.net/donate.html

7914. Re: [AWA Group] Fwd: [Milsurplus] Night of nights

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-13 12:57:02 UTC
From: Jim Robson
Topic: 7909 Message: 7914

GM Bill--

That was neat. My copy is poor although I did get:
"ayxrainsteadyallday", then I just sat and listened.... Today's
stations don't sound anything like that!

Back out to the shack tonight for some more practice.

Thanks for the head's up.
73, Jim/VE3BHK.

On 12/07/13 8:52 PM, Bill Stewart wrote:
>
> GE Jim,
>
> I haven't hrd K6KPH yet, but have copied KPH, KFS, KSM,
>
> WLO & KLB on various freqs. & with generally good sigs.
>
> No CG stns hrd yet or anything around 500kc. Its great to
>
> hear these stns again. Back in the late '50s and into the 60s,
>
> would copy some of them a lot. I'm a 'early to bed' guy, so
>
> probably won't stay up too long.
>
> Have fun...73 de Bill K4JYS/North Carolina
>
> ---
> *From: *"Jim Robson" <nc101x@...>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Friday, July 12, 2013 8:25:34 PM
> *Subject: *Re: [AWA Group] Fwd: [Milsurplus] Night of nights
>
> On 80m:
>
> *> K6KPH
>
> *Frequency Transmitter Antenna
>
> 3550.0 Henry HF-5000D Double Extended Zepp
>
> 73, JIm/VE3BHK
>
>

> On 12/07/13 7:17 PM, Jim Robson wrote:
>
> That's pretty neat, Bill. I'll have a listen. 73. Jim/VE3BHK
>
> On 12/07/13 6:36 AM, Bill Stewart wrote:
>
> GM all...thought some of you might be interested in tuning in.
> 73 de Bill K4JYS
>
> ----- Forwarded Message -----
> From: "Bill Cromwell" <wrcromwell@...
> <mailto:wrcromwell%40gmail.com>>
> To: milsurplus@...
> <mailto:milsurplus%40mailman.qth.net>
> Sent: Thursday, July 11, 2013 10:24:01 PM
> Subject: [Milsurplus] Night of nights
>
> Hi,
>
> There will be transmissions from some of the old maritime coastal
> stations Friday night. Details are here:
>
> http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5
> <http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5>
>
> I will be putting my BC-453 online to hunt for the
> transmissions around
> 600 meters. I'm afraid my RAK is deteriorating from age
> (tubes, caps,
> resistors?) and I'll do some "A/B" type comparisons against
> the BC453
> which has been working very well. Once upon a time I used
> those coastal
> stations to build up my Morse proficiency. So tomorrow will be a
> nostalgia event.
>
> 73,
>
> Bill KU8H
> _____
> Milsurplus mailing list
> Home: http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
> <mailto:Milsurplus%40mailman.qth.net>
>
> This list hosted by: http://www.qsl.net <http://www.qsl.net/>
> Please help support this email list:
> http://www.qsl.net/donate.html
>

>
>

7915. Re: [AWA Group] Fwd: [Milsurplus] Night of nights

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-13 19:42:16 UTC
From: Bill Stewart
Topic: 7909 Message: 7915

Hi Jim, Yep, it was fun to listen to those stns. I later worked K6KPH on 20m. Boy, it would be neat if we could work the coastal stns crossband like we can our military stns during Armed Forces Day. You probably know, but KPH/KSM is on most Sat. for a while. Check the Maritime Rado Historical Soc. web page for details. http://www.radiomarine.org/ The web page also has a lot of interesting history, stories, etc plus recordings of actual coastal stn tfc. 73 de Bill K4JYS ----- Original Message ----- From: "Jim Robson" To: AWAGroup@yahoogroups.com Sent: Saturday, July 13, 2013 8:57:02 AM Subject: Re: [AWA Group] Fwd: [Milsurplus] Night of nights GM Bill-- That was neat. My copy is poor although I did get: "ayxrainsteadyallday", then I just sat and listened.... Today's stations don't sound anything like that! Back out to the shack tonight for some more practice. Thanks for the head's up. 73, Jim/VE3BHK. On 12/07/13 8:52 PM, Bill Stewart wrote: GE Jim, I haven't hrd K6KPH yet, but have copied KPH, KFS, KSM, WLO & KLB on various freqs. & with generally good sigs. No CG stns hrd yet or anything around 500kc. Its great to hear these stns again. Back in the late '50s and into the 60s, would copy some of them a lot. I'm a 'early to bed' guy, so probably won't stay up too long. Have fun...73 de Bill K4JYS/North Carolina ----- Original Message ----- From: "Jim Robson" To: AWAGroup@yahoogroups.com Sent: Friday, July 12, 2013 8:25:34 PM Subject: Re: [AWA Group] Fwd: [Milsurplus] Night of nights On 80m: > K6KPH Frequency Transmitter Antenna 3550.0 Henry HF-5000D Double Extended Zepp 73, JIm/VE3BHK On 12/07/13 7:17 PM, Jim Robson wrote:
That's pretty neat, Bill. I'll have a listen. 73. Jim/VE3BHK On 12/07/13 6:36 AM, Bill Stewart wrote:
GM all...thought some of you might be interested in tuning in. 73 de Bill K4JYS ----- Forwarded Message ----- From: "Bill Cromwell" < wrcromwell@... > To: milsurplus@... Sent: Thursday, July 11, 2013 10:24:01 PM Subject: [Milsurplus] Night of nights Hi, There will be transmissions from some of the old maritime coastal stations Friday night. Details are here: http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5 I will be putting my BC-453 online to hunt for the transmissions around 600 meters. I'm afraid my RAK is deteriorating from age (tubes, caps, resistors?) and I'll do some "A/B" type comparisons against the BC453 which has been working very well. Once upon a time I used those coastal stations to build up my Morse proficiency. So tomorrow will be a nostalgia event. 73, Bill KU8H _____ Milsurplus mailing list Home: http://mailman.qth.net/mailman/listinfo/milsurplus Help: http://mailman.qth.net/mmfaq.htm Post: mailto: Milsurplus@... This list hosted by: http://www.qsl.net Please help support this email list: http://www.qsl.net/donate.html

7916. Did I hear, "CQ AWA"?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-13 20:51:03 UTC
From: Louis Vermond
Topic: 7916 Message: 7916

http://www.radiomarine.org/audio/list?panel=pab1_13#pab1_13

Klick on: "500kc in Europe 1972-1974" ....Ahhhhhh

7917. Re: [AWA Group] Fwd: [Milsurplus] Night of nights

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-13 22:34:22 UTC
From: Jim Robson
Topic: 7909 Message: 7917

Thanks for the info, Bill. I didn't know. I will have another listen!
73, Jim/VE3BHK

On 13/07/13 3:42 PM, Bill Stewart wrote:
>
> Hi Jim,
>
> Yep, it was fun to listen to those stns. I later worked K6KPH on 20m.
> Boy, it would
>
> be neat if we could work the coastal stns crossband like we can our
> military
>
> stns during Armed Forces Day. You probably know, but KPH/KSM is on most
>
> Sat. for a while. Check the Maritime Rado Historical Soc. web page for
> details.
> http://www.radiomarine.org/
> The web page also has a lot of interesting history, stories, etc plus
> recordings of actual
>
> coastal stn tfc.
>
> 73 de Bill K4JYS
>
> ---
> *From: *"Jim Robson" <nc101x@...>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Saturday, July 13, 2013 8:57:02 AM
> *Subject: *Re: [AWA Group] Fwd: [Milsurplus] Night of nights
>
> GM Bill--
>
> That was neat. My copy is poor although I did get:
> "ayxrainsteadyallday", then I just sat and listened.... Today's
> stations don't sound anything like that!
>
> Back out to the shack tonight for some more practice.
>
> Thanks for the head's up.
> 73, Jim/VE3BHK.
>
> On 12/07/13 8:52 PM, Bill Stewart wrote:
>
> GE Jim,

>
> I haven't hrd K6KPH yet, but have copied KPH, KFS, KSM,
>
> WLO & KLB on various freqs. & with generally good sigs.
>
> No CG stns hrd yet or anything around 500kc. Its great to
>
> hear these stns again. Back in the late '50s and into the 60s,
>
> would copy some of them a lot. I'm a 'early to bed' guy, so
>
> probably won't stay up too long.
>
> Have fun...73 de Bill K4JYS/North Carolina
>
> ---
> *From: *"Jim Robson" <nc101x@...>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Friday, July 12, 2013 8:25:34 PM
> *Subject: *Re: [AWA Group] Fwd: [Milsurplus] Night of nights
>
> On 80m:
>
> *> K6KPH
>
> *Frequency Transmitter Antenna
>
> 3550.0 Henry HF-5000D Double Extended Zepp
>
> 73, JIm/VE3BHK
>
>
> On 12/07/13 7:17 PM, Jim Robson wrote:
>
> That's pretty neat, Bill. I'll have a listen. 73. Jim/VE3BHK
>
> On 12/07/13 6:36 AM, Bill Stewart wrote:
>
> GM all...thought some of you might be interested in tuning in.
> 73 de Bill K4JYS
>
> ----- Forwarded Message -----
> From: "Bill Cromwell" <wrcromwell@...
> <mailto:wrcromwell%40gmail.com>>
> To: milsurplus@...
> <mailto:milsurplus%40mailman.qth.net>
> Sent: Thursday, July 11, 2013 10:24:01 PM
> Subject: [Milsurplus] Night of nights
>
> Hi,

>
> There will be transmissions from some of the old maritime
> coastal
> stations Friday night. Details are here:
>
> http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5
> <http://www.radiomarine.org/gallery/show?keyword=nonxi&panel=pab1_5#pab1_5>
>
> I will be putting my BC-453 online to hunt for the
> transmissions around
> 600 meters. I'm afraid my RAK is deteriorating from age
> (tubes, caps,
> resistors?) and I'll do some "A/B" type comparisons
> against the BC453
> which has been working very well. Once upon a time I used
> those coastal
> stations to build up my Morse proficiency. So tomorrow
> will be a
> nostalgia event.
>
> 73,
>
> Bill KU8H
> _____
> Milsurplus mailing list
> Home: http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
> <mailto:Milsurplus%40mailman.qth.net>
>
> This list hosted by: http://www.qsl.net <http://www.qsl.net/>
> Please help support this email list:
> http://www.qsl.net/donate.html
>
>
>
>

7918. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 14:46:42 UTC
From: Louis Vermond
Topic: 130 Message: 7918
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/antique-radio-receiver-nd-vintage-ham-wireless-tube-vacuum-military-ww2/350829463034?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D906237984147398750 3%26pid%3D100084%26prg%3D1115%26rk%3D7%26sd%3D221253847206%26&ssPageName=ADME:B:SS:US:1120#ht_67wt_1064

7919. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 15:54:41 UTC
From: Steve
Topic: 130 Message: 7919

....yet another seller that's afraid to ship to Canada.

http://www.ebay.com/itm/antique-radio-receiver-nd-vintage-ham-wireless-tube-vacuum-military-ww2/350829463034?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D9062379841473987503%26pid%3D100084%26prg%3D1115%26rk%3D7%26sd%3D221253847206%26&ssPageName=ADME:B:SS:US:1120#ht_67wt_1064

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7920. COURY HOUSE -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 16:38:48 UTC
From: Mike Feher
Topic: 7920 Message: 7920

Ed Sharpe of the SMECC museum in Arizona attempted to join the group twice this AM. I declined his request both times. I have my own reasons why I do not want to see him on here, but, should any of you feel otherwise, let me know. He is the only one I declined since we started. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

7921. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 17:06:02 UTC
From: Louis Vermond
Topic: 130 Message: 7921
Attachments: 1 described; binary payloads are missing from this source WARC

....yet another seller that's afraid to ship to Canada.

Sometimes a friendly inquiry changes that....

7922. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 19:18:39 UTC
From: Roger Kuchera
Topic: 130 Message: 7922

Looks like Edward G. Robinson in Little Ceasar (circa 1931).

Roger.

From: Louis Vermond <ldvermond@sympatico.ca>
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 14, 2013 1:06 PM
Subject: Re: [AWA Group] eBay Alert

....yet another seller that's
afraid to ship to Canada.

Sometimes a friendly inquiry changes
that....

7923. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 19:30:52 UTC
From: Louis Vermond
Topic: 130 Message: 7923

Looks like Edward G. Robinson in Little Ceasar (circa 1931).

BINGO!

7924. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 19:49:54 UTC
From: Roger Kuchera
Topic: 130 Message: 7924

He'll send a couple of his "torpedos" down to the seller's "joint" to convince him of the error of his ways. :) :)

R.

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 14, 2013 3:30 PM
Subject: Re: [AWA Group] eBay Alert

Looks like
Edward G. Robinson in Little Ceasar (circa 1931).

BINGO!

7925. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 19:53:22 UTC
From: Steve
Topic: 130 Message: 7925

>....yet another seller that's afraid to ship to Canada.

>Sometimes a friendly inquiry changes that....

not usually, when they go out of their way to specify 'U.S. sales only'. It often works when they have not paid full attention to their listing's shipping section and often don't realize that it says 'U.S.only' but this guy has it in his handwritten script. Too much effort for him to fill out the customs info slip I imagine.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7926. Power transformer for 861

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 20:45:44 UTC
From: ab9zg@ymail.com
Topic: 7926 Message: 7926

My 861 transmitter project was delayed for lack of a suitable 1929-style power transformer. Rather than wait forever for one to show up, I decided to wind my own using directions found in 1920s QST.

It took:
20 lb copper magnet wire
100 lb steel laminations
24 ft^2 insulating paper
4 ft spaghetti insulation
16 oz insulating varnish
9 yards cloth tape
3 ft angle iron
4 ft threaded rod
Nuts, washers, wedges

No wonder transformers are so expensive.

It is designed to give 2500, 3000, or 3500 VDC at 1A when using a bridge of UV-872 rectifiers.

Not being a center-tapped type transformer saved a lot of materials, and besides, there was no 1929-type rectifier available to hams that would have sufficient PIV to rectify a center-tapped transformer to provide 3500 VDC anyway.

Next step is to house it in a metal box as described in a 1932 QST article.

Winding

Completed

With an 860 for scale

Jon

7927. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 21:04:28 UTC
From: Louis Vermond
Topic: 130 Message: 7927

I know. Just an opportunity to make a joke...
----- Original Message -----
From: Steve
To: AWAGroup@yahoogroups.com
Sent: 2013-07-14 3:53 PM
Subject: Re: [AWA Group] eBay Alert

>....yet another seller that's afraid to ship to Canada.

>Sometimes a friendly inquiry changes that....

not usually, when they go out of their way to specify 'U.S. sales only'. It
often works when they have not paid full attention to their listing's
shipping section and often don't realize that it says 'U.S.only' but this
guy has it in his handwritten script. Too much effort for him to fill out
the customs info slip I imagine.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

---

Yahoo! Groups Links

7928. Re: [AWA Group] Power transformer for 861

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 21:27:29 UTC
From: Leonard Meek
Topic: 7926 Message: 7928

Excellent job, man. You're a vanishing breed.

Leonard

----- Original Message -----
From: ab9zg@...
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 14, 2013 10:45 AM
Subject: [AWA Group] Power transformer for 861

My 861 transmitter project was delayed for lack of a suitable 1929-style power transformer. Rather than wait forever for one to show up, I decided to wind my own using directions found in 1920s QST.

It took:
20 lb copper magnet wire
100 lb steel laminations
24 ft^2 insulating paper
4 ft spaghetti insulation
16 oz insulating varnish
9 yards cloth tape
3 ft angle iron
4 ft threaded rod
Nuts, washers, wedges

No wonder transformers are so expensive.

It is designed to give 2500, 3000, or 3500 VDC at 1A when using a bridge of UV-872 rectifiers.

Not being a center-tapped type transformer saved a lot of materials, and besides, there was no 1929-type rectifier available to hams that would have sufficient PIV to rectify a center-tapped transformer to provide 3500 VDC anyway.

Next step is to house it in a metal box as described in a 1932 QST article.

Winding

Completed

With an 860 for scale

Jon

7929. RE: [AWA Group] Power transformer for 861

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 22:22:15 UTC
From: Mike Feher
Topic: 7926 Message: 7929

Jon -

That is a real brute. An excellent job on your part. Thanks for sharing. 73
- Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of ab9zg@...
Sent: Sunday, July 14, 2013 4:46 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Power transformer for 861

My 861 transmitter project was delayed for lack of a suitable 1929-style
power transformer. Rather than wait forever for one to show up, I decided to
wind my own using directions found in 1920s QST.

It took:
20 lb copper magnet wire
100 lb steel laminations
24 ft^2 insulating paper
4 ft spaghetti insulation
16 oz insulating varnish
9 yards cloth tape
3 ft angle iron
4 ft threaded rod
Nuts, washers, wedges

No wonder transformers are so expensive.

It is designed to give 2500, 3000, or 3500 VDC at 1A when using a bridge of
UV-872 rectifiers.

Not being a center-tapped type transformer saved a lot of materials, and
besides, there was no 1929-type rectifier available to hams that would have
sufficient PIV to rectify a center-tapped transformer to provide 3500 VDC
anyway.

Next step is to house it in a metal box as described in a 1932 QST article.

Winding

<https://lh5.googleusercontent.com/-2SVNDVlRKh0/UeMIZ8imZsI/AAAAAAAABZg/XsiAM4wT95s/s800/IMG_4382.JPG>

Completed

<https://lh3.googleusercontent.com/-KMOqCpq6mjU/UeMIb0X0Y_I/AAAAAAAABZw/I_k-xj7ifD8/s800/IMG_4447.JPG>

With an 860 for scale

<https://lh6.googleusercontent.com/-EdnzFgfxCA8/UeMIbhp85iI/AAAAAAAABZo/Kizn-FCyTew/s800/IMG_4443.JPG>

Jon

7930. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 22:26:03 UTC
From: Louis Vermond
Topic: 130 Message: 7930
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/VINTAGE-RME-69-HAM-RADIO-HF-RECEIVER-TUBE-AMPLIFIER-AMP-SHORTWAVE-W-SPEAKER/271235696506?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D906238008902902423 1%26pid%3D100084%26prg%3D1115%26rk%3D5%26sd%3D321163184947%26&ssPageName=ADME:B:SS:US:1120

7931. Re: [AWA Group] Power transformer for 861

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 22:26:39 UTC
From: Steve
Topic: 7926 Message: 7931

An unbelievable job Jon! That is an extremely impressive job...just a work of art!!! Where on earth did you come up with all of the 'raw' material to build this beauty and how long did it take to construct? A project as special as this really deserves its own web page...WOW!!

Steve / 73

My 861 transmitter project was delayed for lack of a suitable 1929-style power transformer. Rather than wait forever for one to show up, I decided to wind my own using directions found in 1920s QST.

It took:
20 lb copper magnet wire
100 lb steel laminations
24 ft^2 insulating paper
4 ft spaghetti insulation
16 oz insulating varnish
9 yards cloth tape
3 ft angle iron
4 ft threaded rod
Nuts, washers, wedges

No wonder transformers are so expensive.

It is designed to give 2500, 3000, or 3500 VDC at 1A when using a bridge of UV-872 rectifiers.

Not being a center-tapped type transformer saved a lot of materials, and besides, there was no 1929-type rectifier available to hams that would have sufficient PIV to rectify a center-tapped transformer to provide 3500 VDC anyway.

Next step is to house it in a metal box as described in a 1932 QST article.

Winding

Completed

With an 860 for scale

Jon

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7932. My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-14 23:08:12 UTC
From: KG4KGL
Topic: 7932 Message: 7932
Attachments: 2 described; binary payloads are missing from this source WARC

Well I got some time to start putting this together this weekend. I hit a snag when the metal cutting blade I bough was too small for my table saw. So no front panel yet. I hope tiger that done tomorrow PM, after work.

Thanks again to Lou for the 01A tubes. The coil form is a ceramic 5 pin form.

I guess I will work on a voltage divider to drop the Heathkit 6.3vac PS to around 4vdc. Any thoughts? I am open to suggestions that help me learn.

Robert
KG4KGL

Robert
KG4KGL

7933. RE: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 00:47:29 UTC
From: Mike Feher
Topic: 7932 Message: 7933
Attachments: 2 described; binary payloads are missing from this source WARC

Robert -

I am not sure what you need the 4 volts for, but, it appears that it is for bias. 6.3 VAC RMS is about 8.9 volts peak. You essentially have a half wave rectifier and two voltage drops of the diodes plus a voltage divider. The circuit will have a fair amount ripple. You may consider using a full wave with a simple 3 terminal regulator for better results. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of KG4KGL
Sent: Sunday, July 14, 2013 7:08 PM
To: AWA
Subject: [AWA Group] My Regen protoBreadBoard

Well I got some time to start putting this together this weekend. I hit a snag when the metal cutting blade I bough was too small for my table saw. So no front panel yet. I hope tiger that done tomorrow PM, after work.

Thanks again to Lou for the 01A tubes. The coil form is a ceramic 5 pin form.

I guess I will work on a voltage divider to drop the Heathkit 6.3vac PS to around 4vdc. Any thoughts? I am open to suggestions that help me learn.

Robert
KG4KGL

Robert

KG4KGL

7934. eBay Alert ....Mom covered 'em all!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 01:10:00 UTC
From: Louis Vermond
Topic: 7934 Message: 7934
Attachments: 1 described; binary payloads are missing from this source WARC

1920'S EARLY CRYSTAL REGENERATIVE AMATEUR TUBE HOME BREW BUILT RADIO AMPLIFIER
http://www.ebay.ca/itm/1920S-EARLY-CRYSTAL-REGENERATIVE-AMATEUR-TUBE-HOME-BREW-BUILT-RADIO-AMPLIFIER-/370854597626?pt=LH_DefaultDomain_0&hash=item5658a813fa#ht_191wt_1064

7935. Re: [AWA Group] Power transformer for 861

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 02:14:53 UTC
From: ab9zg@ymail.com
Topic: 7926 Message: 7935

Thanks guys. The transformer laminations came from an old industrial control transformer that I obtained for the purpose. It took a long time to disassemble but I have not found a source for new transformer laminations of that size. The wire and various insulations were purchased on eBay.

I probably spent 12 hours on it. Putting the core together took more time than to wind it.

Jon
--- In AWAGroup@yahoogroups.com, "Steve" <ve7sl@...> wrote:
>
> An unbelievable job Jon! That is an extremely impressive job...just a work
> of art!!! Where on earth did you come up with all of the 'raw' material to
> build this beauty and how long did it take to construct? A project as
> special as this really deserves its own web page...WOW!!
>
> Steve / 73
>
>
>
> My 861 transmitter project was delayed for lack of a suitable 1929-style
> power transformer. Rather than wait forever for one to show up, I
> decided to wind my own using directions found in 1920s QST.
>
> It took:
> 20 lb copper magnet wire
> 100 lb steel laminations
> 24 ft^2 insulating paper
> 4 ft spaghetti insulation
> 16 oz insulating varnish
> 9 yards cloth tape
> 3 ft angle iron
> 4 ft threaded rod
> Nuts, washers, wedges
>
> No wonder transformers are so expensive.
>
> It is designed to give 2500, 3000, or 3500 VDC at 1A when using a bridge
> of UV-872 rectifiers.
>
> Not being a center-tapped type transformer saved a lot of materials, and
> besides, there was no 1929-type rectifier available to hams that would
> have sufficient PIV to rectify a center-tapped transformer to provide
> 3500 VDC anyway.
>
> Next step is to house it in a metal box as described in a 1932 QST

> article.
>
> Winding
>
>
> Completed
>
>
> With an 860 for scale
>
>
> Jon
>
>
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>

7936. Re: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 02:39:10 UTC
From: KG4KGL
Topic: 7932 Message: 7936

The 4vdc is for the two 01A tube filaments. I will look up the full wave rectifier and regulator.

Tnx,

Robert
KG4KGL

On Jul 14, 2013, at 20:47, "Mike Feher" <n4fs@...> wrote:

> Robert –
>
>
>
> I am not sure what you need the 4 volts for, but, it appears that it is for bias. 6.3 VAC RMS is about 8.9 volts peak. You essentially have a half wave rectifier and two voltage drops of the diodes plus a voltage divider. The circuit will have a fair amount ripple. You may consider using a full wave with a simple 3 terminal regulator for better results. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of KG4KGL
> Sent: Sunday, July 14, 2013 7:08 PM
> To: AWA
> Subject: [AWA Group] My Regen protoBreadBoard
>
>
>
> Well I got some time to start putting this together this weekend. I hit a snag when the metal cutting blade I bough was too small for my table saw. So no front panel yet. I hope tiger that done tomorrow PM, after work.
>
>
>
> <image002.jpg>

>
>
>
>
> Thanks again to Lou for the 01A tubes. The coil form is a ceramic 5 pin form.
>
> I guess I will work on a voltage divider to drop the Heathkit 6.3vac PS to around 4vdc.
Any thoughts? I am open to suggestions that help me learn.
>
>
>
> <image004.jpg>
>
>
>
>
>
> Robert
> KG4KGL
>
> Robert
>
> KG4KGL
>
>

7937. RE: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 03:20:29 UTC
From: Mike Feher
Topic: 7932 Message: 7937

Robert –

With those large resistor values it will never be able to provide the required current for the filaments. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of KG4KGL
Sent: Sunday, July 14, 2013 10:39 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] My Regen protoBreadBoard

The 4vdc is for the two 01A tube filaments. I will look up the full wave rectifier and regulator.

Tnx,

Robert

KG4KGL

On Jul 14, 2013, at 20:47, "Mike Feher" <n4fs@...> wrote:

Robert –

I am not sure what you need the 4 volts for, but, it appears that it is for bias. 6.3 VAC RMS is about 8.9 volts peak. You essentially have a half wave rectifier and two voltage drops of the diodes plus a voltage divider. The circuit will have a fair amount ripple. You may consider using a full wave with a simple 3 terminal regulator for better results. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of KG4KGL
Sent: Sunday, July 14, 2013 7:08 PM
To: AWA
Subject: [AWA Group] My Regen protoBreadBoard

Well I got some time to start putting this together this weekend. I hit a snag when the metal cutting blade I bough was too small for my table saw. So no front panel yet. I hope tiger that done tomorrow PM, after work.

<image002.jpg>

Thanks again to Lou for the 01A tubes. The coil form is a ceramic 5 pin form.

I guess I will work on a voltage divider to drop the Heathkit 6.3vac PS to around 4vdc. Any thoughts? I am open to suggestions that help me learn.

<image004.jpg>

Robert
KG4KGL

Robert

KG4KGL

7938. Re: [AWA Group] eBay Alert ....Mom covered 'em all!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 05:03:35 UTC
From: Steve
Topic: 7934 Message: 7938

>1920'S EARLY CRYSTAL REGENERATIVE AMATEUR TUBE HOME BREW BUILT RADIO
>AMPLIFIER
http://www.ebay.ca/itm/1920S-EARLY-CRYSTAL-REGENERATIVE-AMATEUR-TUBE-HOME-BREW-BUILT-RADIO-AMPLIFIER-/370854597626?pt=LH_DefaultDomain_0&hash=item5658a813fa#ht_191wt_1064

and according to Mom..."THIS IS IN GOOD SHAPE"....I'd hate to see what Mom's version of BAD SHAPE might be.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7939. RE: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 11:54:44 UTC
From: Steve Flood
Topic: 7932 Message: 7939

You could use an LM7805 regulator, but it needs at least 7v input. Perhaps run the Heath 6.3vac through a doubler/diode rectifier, and then a 0.33uF/25v tantalum input cap, then the 5v regulator, and then a 0.1uF/12v tantalum cap. That should give you a fairly clean 5v. (the cap values are from the Fairchild datasheet).

If you want it really clean, get a 6v lantern battery and run the filaments through a series rheostat of a few ohms.

Steve, KK7UV

7940. Re: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 12:03:49 UTC
From: N1BUG
Topic: 7932 Message: 7940

> You could use an LM7805 regulator, but it needs at least 7v input.
> Perhaps run the Heath 6.3vac through a doubler/diode rectifier, and
> then a 0.33uF/25v tantalum input cap, then the 5v regulator, and
> then a 0.1uF/12v tantalum cap. That should give you a fairly clean
> 5v. (the cap values are from the Fairchild datasheet).

6.3vac RMS should give 8.9 volts DC no load at the filter cap with a full wave rectifier. Depending on the transformer current rating, it should hold up to well above 7 volts with a half amp load. I would use a large filter cap after the rectifier to prevent ripple from becoming a problem. I haven't done the math but I would use at least 100 uF. The .33 uF and .1 uF caps as close to the regulator as possible are still a good idea.

Paul

7941. Re: [AWA Group] Power transformer for 861

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 12:05:05 UTC
From: N1BUG
Topic: 7926 Message: 7941

Wow, Jon! Took a long time to retrieve my jaw from the floor after seeing that wonderful job. You continue to amaze me.

Paul

On 07/14/2013 04:45 PM, ab9zg@... wrote:
>
>
> My 861 transmitter project was delayed for lack of a suitable
> 1929-style power transformer. Rather than wait forever for one to
> show up, I decided to wind my own using directions found in 1920s QST.
>
> It took:
> 20 lb copper magnet wire
> 100 lb steel laminations
> 24 ft^2 insulating paper
> 4 ft spaghetti insulation
> 16 oz insulating varnish
> 9 yards cloth tape
> 3 ft angle iron
> 4 ft threaded rod
> Nuts, washers, wedges
>
> No wonder transformers are so expensive.
>
> It is designed to give 2500, 3000, or 3500 VDC at 1A when using a
> bridge of UV-872 rectifiers.
>
> Not being a center-tapped type transformer saved a lot of materials,
> and besides, there was no 1929-type rectifier available to hams that
> would have sufficient PIV to rectify a center-tapped transformer to
> provide 3500 VDC anyway.
>
> Next step is to house it in a metal box as described in a 1932 QST
> article.
>
> Winding
>
>
> Completed
>
>
> With an 860 for scale
>
>

> Jon

7942. RE: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 12:10:07 UTC
From: Mike Feher
Topic: 7932 Message: 7942

Paul –

I said that in my reply. It is 8.9 minus the two diode drops. Regardless, the resistor values are too high now to provide adequate current. I also suggested a three terminal regulator. I did not want to give a full solution as that way he does not learn anything, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Monday, July 15, 2013 8:04 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] My Regen protoBreadBoard

> You could use an LM7805 regulator, but it needs at least 7v input.
> Perhaps run the Heath 6.3vac through a doubler/diode rectifier, and
> then a 0.33uF/25v tantalum input cap, then the 5v regulator, and
> then a 0.1uF/12v tantalum cap. That should give you a fairly clean
> 5v. (the cap values are from the Fairchild datasheet).

6.3vac RMS should give 8.9 volts DC no load at the filter cap with a full wave rectifier. Depending on the transformer current rating, it should hold up to well above 7 volts with a half amp load. I would use a large filter cap after the rectifier to prevent ripple from becoming a problem. I haven't done the math but I would use at least 100 uF. The .33 uF and .1 uF caps as close to the regulator as possible are still a good idea.

Paul

7943. Re: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 12:14:35 UTC
From: N1BUG
Topic: 7932 Message: 7943

Mike -

Sorry, I must have missed your reply or was asleep when I "read" it. Putting in long days lately and mostly just skimming posts. Got a bit of "free" time this morning as I'm waiting on a female to arrive - HI HI!

73,
Paul

On 07/15/2013 08:10 AM, Mike Feher wrote:
>
>
> Paul –
>
> I said that in my reply. It is 8.9 minus the two diode drops.
> Regardless, the resistor values are too high now to provide adequate
> current. I also suggested a three terminal regulator. I did not want
> to give a full solution as that way he does not learn anything, HI.
> 73 – Mike

7944. RE: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 12:32:32 UTC
From: Mike Feher
Topic: 7932 Message: 7944

Paul –

Well, waiting for a female to arrive sure sounds more exciting than power supplies, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Monday, July 15, 2013 8:15 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] My Regen protoBreadBoard

Mike -

Sorry, I must have missed your reply or was asleep when I "read" it.
Putting in long days lately and mostly just skimming posts. Got a
bit of "free" time this morning as I'm waiting on a female to arrive
- HI HI!

73,
Paul

On 07/15/2013 08:10 AM, Mike Feher wrote:
>
>
> Paul –
>
> I said that in my reply. It is 8.9 minus the two diode drops.
> Regardless, the resistor values are too high now to provide adequate
> current. I also suggested a three terminal regulator. I did not want
> to give a full solution as that way he does not learn anything, HI.
> 73 – Mike

7945. Re: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 12:48:14 UTC
From: KG4KGL
Topic: 7932 Message: 7945

+1.

I have found a 5v regulator at coughradioshackcough rated at 2A. I will try that along with a bridge rectifier.

Robert
KG4KGL

On Jul 15, 2013, at 8:32, "Mike Feher" <n4fs@...> wrote:

> Paul –
>
>
>
> Well, waiting for a female to arrive sure sounds more exciting than power supplies, HI.
73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
> Sent: Monday, July 15, 2013 8:15 AM
> To: AWAGroup@yahoogroups.com
> Subject: Re: [AWA Group] My Regen protoBreadBoard
>
>
>
>
>
> Mike -
>
> Sorry, I must have missed your reply or was asleep when I "read" it.
> Putting in long days lately and mostly just skimming posts. Got a
> bit of "free" time this morning as I'm waiting on a female to arrive
> - HI HI!
>
> 73,

> Paul
>
> On 07/15/2013 08:10 AM, Mike Feher wrote:
> >
> >
> > Paul –
> >
> > I said that in my reply. It is 8.9 minus the two diode drops.
> > Regardless, the resistor values are too high now to provide adequate
> > current. I also suggested a three terminal regulator. I did not want
> > to give a full solution as that way he does not learn anything, HI.
> > 73 – Mike
>
>
>

7946. Re: [AWA Group] Power transformer for 861

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 14:04:34 UTC
From: Roger Kuchera
Topic: 7926 Message: 7946

Bravo! Who said there were no homebrewers left?

Roger.

From: Leonard Meek <lemeek@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 14, 2013 5:27 PM
Subject: Re: [AWA Group] Power transformer for 861

Excellent job, man. You're a vanishing breed.

Leonard

----- Original Message -----
>From: ab9zg@ymail.com
>To: AWAGroup@yahoogroups.com
>Sent: Sunday, July 14, 2013 10:45
AM
>Subject: [AWA Group] Power transformer for 861
>
>My 861 transmitter project was delayed for lack of a suitable 1929-style power
transformer. Rather than wait forever for one to show up, I decided to wind my own using
directions found in 1920s QST.
>
>It took:
>20 lb copper
magnet wire
>100 lb steel laminations
>24 ft^2 insulating paper
>4 ft
spaghetti insulation
>16 oz insulating varnish
>9 yards cloth tape
>3
ft angle iron
>4 ft threaded rod
>Nuts, washers, wedges
>
>No wonder
transformers are so expensive.
>
>It is designed to give 2500, 3000, or
3500 VDC at 1A when using a bridge of UV-872 rectifiers.
>
>Not being a

center-tapped type transformer saved a lot of materials, and besides, there
was no 1929-type rectifier available to hams that would have sufficient PIV to
rectify a center-tapped transformer to provide 3500 VDC anyway.
>
>Next
step is to house it in a metal box as described in a 1932 QST
article.
>
>Winding
>
>
>Completed
>
>
>With
an 860 for scale
>
>
>Jon
>

7947. Re: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 16:08:10 UTC
From: Steve
Topic: 7932 Message: 7947

> female to arrive

ah ha! That explains the long radio-silence from N1BUG! FB OM.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7948. Potential Lifetime and Sources for 20s/30s Tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 19:44:12 UTC
From: wheeler2roh
Topic: 7948 Message: 7948

Having recently caught the "bug" for 1920's radios/amateur gear, one thing that has amazed me is that there are any at all of these 80-90 year old tubes that still hold a near vacuum and function fairly well.

So these are novice questions, but here goes:

1) Is it feasible that a 20's tube that is functioning today will still be working in say 20 or 50 years?

2) Is is best to limit "lighting" time for old tubes, use a variac, etc or other steps to still use, but extend the life of old tubes?

3) What would be the best setup for a beginner to test the old tubes? Something I could build?

4) Good sources for old tubes (besides obvious eBay)?

Thanks for any advice.

73
Wayne
W6AHH

7949. Re: [AWA Group] Potential Lifetime and Sources for 20s/30s Tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-15 23:28:12 UTC
From: Roger Kuchera
Topic: 7948 Message: 7949

I have some luck with the following:
     Vacuum Tubes, Inc. (http://www.vacuumtubesinc.com/)
     Tube World

CUL, Roger/K1TG

From: wheeler2roh <wayne.wheeler@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, July 15, 2013 3:44 PM
Subject: [AWA Group] Potential Lifetime and Sources for 20s/30s Tubes

Having recently caught the "bug" for 1920's radios/amateur gear, one thing that has amazed me is that there are any at all of these 80-90 year old tubes that still hold a near vacuum and function fairly well.

So these are novice questions, but here goes:

1) Is it feasible that a 20's tube that is functioning today will still be working in say 20 or 50 years?

2) Is is best to limit "lighting" time for old tubes, use a variac, etc or other steps to still use, but extend the life of old tubes?

3) What would be the best setup for a beginner to test the old tubes? Something I could build?

4) Good sources for old tubes (besides obvious eBay)?

Thanks for any advice.

73
Wayne
W6AHH

Yahoo! Groups Links

    http://docs.yahoo.com/info/terms/

7950. Re: my regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-16 16:36:54 UTC
From: JAMES HANLON
Topic: 7950 Message: 7950

Just a thought. There will be an initial surge of current above the steady-state value when powering up tube filaments. Better take that into account when designing a regulator.

Jim, W8KGI

7951. eBay Alert RCA UV-202 Fil. Xfr

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-16 21:01:03 UTC
From: Louis Vermond
Topic: 7951 Message: 7951

One RCA vintage filament transformer -UP-1656 - for UV 202 or UV-216 Kenotrons
http://www.ebay.com/itm/One-RCA-vintage-filament-transformer-UP-1656-for-UV-202-or-UV-216-Kenotrons-/261244751777?pt=Vintage_Electronics_R2&hash=item3cd3668fa1#ht_37wt_1064

7952. Re: [AWA Group] eBay Alert RCA UV-202 Fil. Xfr

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-16 22:40:05 UTC
From: KG4KGL
Topic: 7951 Message: 7952

Is this a 5v filament transformer?

Tnx,

Robert
KG4KGL

On Jul 16, 2013, at 17:01, Louis Vermond <ldvermond@...> wrote:
> http://www.ebay.com/itm/One-RCA-vintage-filament-transformer-UP-1656-for-UV-202-or-UV-216-Kenotrons-/261244751777?pt=Vintage_Electronics_R2&hash=item3cd3668fa1#ht_37wt_1064
>
>

7953. "Radio is Magic" - KPH

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-17 00:04:07 UTC
From: Bill Stewart
Topic: 7953 Message: 7953

GE all,
After the 'Night of Nights' event, I started reading thru the Maritime Radio Historical Soc. news letter archive and must say, most are very interesting, with details about some of the history/restoration/operations of Coastal stn KPH. One of the most interesting items was a radio broadcast from community radio stn KWMR. The program (around 30 mins) is by Richard Dillman. He is one of the dedicated volunteers working to keep KPH on the air. If you have the time take a listen:

All episodes of "Incredible Radio Tales" deal with the majesty, drama and pathos of radio communications. In the "Radio is Magic" episode Part 1, Richard talks about all the strange and mysterious sounds that can be heard in the radio spectrum, from the sounds of the Earth to spy transmissions. In Part 2 you'll hear the dramatic story of the best Morse operator KPH ever saw and what happened to him as a Merchant Marine Radio Officer during WWII

http://yourlisten.com/channel/content/16969894/Radio_Is_Magic_Part_1
http://yourlisten.com/channel/content/16969896/Radio_Is_Magic_Part_2

73 de Bill K4JYS

7954. Re: [AWA Group] eBay Alert RCA UV-202 Fil. Xfr

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-17 00:22:02 UTC
From: Louis Vermond
Topic: 7951 Message: 7954

Is this a 5v filament transformer?

Hello Robert,

No. The 202 has a 7.5V filament so the transformer secondary is at least that. The taps/sw you see is for adjusting the primary voltage. Seems back then 115V varied with location.

Nice 210 fil xfr as will of course.

73, Lou

----- Original Message -----
From: KG4KGL
To: AWAGroup@yahoogroups.com
Sent: 2013-07-16 6:40 PM
Subject: Re: [AWA Group] eBay Alert RCA UV-202 Fil. Xfr

Is this a 5v filament transformer?

Tnx,

Robert
KG4KGL

On Jul 16, 2013, at 17:01, Louis Vermond <ldvermond@...> wrote:

http://www.ebay.com/itm/One-RCA-vintage-filament-transformer-UP-1656-for-UV-202-or-UV-216-Kenotrons-/261244751777?pt=Vintage_Electronics_R2&hash=item3cd3668fa1#ht_37wt_1064

7955. eBay Alert http://www.ebay.com/itm/Pile-New-Unused-3-5-Weston-301-Replacement-Meter-Cases-Old-Ham-Radio-Tube-Amp-/390627789506?ssPageName=ADME:B:SS:US:1120

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-17 11:57:20 UTC
From: Louis Vermond
Topic: 7955 Message: 7955
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

7956. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-19 17:21:58 UTC
From: Louis Vermond
Topic: 130 Message: 7956

Useful...

Pick-up? I'm in Buena Park,CA,near Knott's Berry Farm.

Sprague High Voltage Tube Power Supply,UTC S-45 Power Transformer,0-500VDC,200MA

http://www.ebay.com/itm/Sprague-High-Voltage-Tube-Power-Supply-UTC-S-45-Power-Transformer-0-500VDC-200MA-/271238631121?pt=Vintage_Electronics_R2&hash=item3f27150ed1#ht_5624wt_848

7957. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-20 01:00:47 UTC
From: N1BUG
Topic: 130 Message: 7957

Yup. Nice power supply for those vintage transmitters if you can't build a period correct supply. Just before the BK last year I threw together a 0-1000V 150mA supply. Those UX-210s do sing with 800V on 'em. :-)

Shortly before that I acquired a (modern) 0-600V 0-4.5 amp(!!!) supply I'll probably never use. I'm stuck with it though. It's MUCH too heavy to ship.

73,
Paul N1BUG

On 07/19/2013 01:21 PM, Louis Vermond wrote:
>
>
> Useful...
> Pick-up? I'm in Buena Park,CA,near Knott's Berry Farm.
>
>
> Sprague High Voltage Tube Power Supply,UTC S-45 Power
> Transformer,0-500VDC,200MA
>
> http://www.ebay.com/itm/Sprague-High-Voltage-Tube-Power-Supply-UTC-S-45-Power-Transforme
r-0-500VDC-200MA-/271238631121?pt=Vintage_Electronics_R2&hash=item3f27150ed1#ht_5624wt_848

7958. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-21 21:14:43 UTC
From: Louis Vermond
Topic: 130 Message: 7958

Paul,

Those UX-210s do sing with 800V on 'em. :-)

Output? Lou

----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: 2013-07-19 9:00 PM
Subject: Re: [AWA Group] eBay Alert

Yup. Nice power supply for those vintage transmitters if you can't build a period correct supply. Just before the BK last year I threw together a 0-1000V 150mA supply. Those UX-210s do sing with 800V on 'em. :-)

Shortly before that I acquired a (modern) 0-600V 0-4.5 amp(!!!) supply I'll probably never use. I'm stuck with it though. It's MUCH too heavy to ship.

73,
Paul N1BUG

On 07/19/2013 01:21 PM, Louis Vermond wrote:
>
>
> Useful...
> Pick-up? I'm in Buena Park,CA,near Knott's Berry Farm.
>
>
> Sprague High Voltage Tube Power Supply,UTC S-45 Power
> Transformer,0-500VDC,200MA
>
> http://www.ebay.com/itm/Sprague-High-Voltage-Tube-Power-Supply-UTC-S-45-Power-Transforme
r-0-500VDC-200MA-/271238631121?pt=Vintage_Electronics_R2&hash=item3f27150ed1#ht_5624wt_848

Yahoo! Groups Links

7959. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-21 21:55:28 UTC
From: deswynar xplornet.ca
Topic: 130 Message: 7959

Hi Lou,

Hi Lou,

Sure am thinkin' of all you guys, & the world of vintage radio!

I am presently in the St. John Re-Hab Hospital here in Toronto, having undergone not one, but TWO knee replacements on Wednesday 10th July---will be here until this coming Friday morning...

About as much fun as attempting to copy Steve out in BC on 160-meters CW the first weekend in December...! On second thought, I take that back: it,s a HECKUVA lot more fun copying Steve...

~73~ de Eddy VE3CUI - VE3XZ
On Sun, Jul 21, 2013 at 5:14 PM, Louis Vermond <ldvermond@...>wrote:

> **
>
>
> **
> Paul,
>
> Those UX-210s do sing with 800V on 'em. :-)
>
> Output? Lou
>
> ----- Original Message -----
> *From:* N1BUG <paul@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* 2013-07-19 9:00 PM
> *Subject:* Re: [AWA Group] eBay Alert
>
> Yup. Nice power supply for those vintage transmitters if you can't
> build a period correct supply. Just before the BK last year I threw
> together a 0-1000V 150mA supply. Those UX-210s do sing with 800V on
> 'em. :-)
>
> Shortly before that I acquired a (modern) 0-600V 0-4.5 amp(!!!)
> supply I'll probably never use. I'm stuck with it though. It's MUCH
> too heavy to ship.
>
> 73,
> Paul N1BUG
>
>

>
>
> On 07/19/2013 01:21 PM, Louis Vermond wrote:
> >
> >
> > Useful...
> > Pick-up? I'm in Buena Park,CA,near Knott's Berry Farm.
> >
> >
> > Sprague High Voltage Tube Power Supply,UTC S-45 Power
> > Transformer,0-500VDC,200MA
> >
> >
> http://www.ebay.com/itm/Sprague-High-Voltage-Tube-Power-Supply-UTC-S-45-Power-Transforme
r-0-500VDC-200MA-/271238631121?pt=Vintage_Electronics_R2&hash=item3f27150ed1#ht_5624wt_848
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>

7960. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 02:51:32 UTC
From: Steve
Topic: 130 Message: 7960

Eddy....I wish you a fast recovery! You should really be able to kick some
DX butt this winter with two good knees!

73 / Steve

Hi Lou,

Hi Lou,

Sure am thinkin' of all you guys, & the world of vintage radio!

I am presently in the St. John Re-Hab Hospital here in Toronto, having
undergone not one, but TWO knee replacements on Wednesday 10th July---will
be here until this coming Friday morning...

About as much fun as attempting to copy Steve out in BC on 160-meters CW
the first weekend in December...! On second thought, I take that back: it,s
a HECKUVA lot more fun copying Steve...

~73~ de Eddy VE3CUI - VE3XZ
On Sun, Jul 21, 2013 at 5:14 PM, Louis Vermond
<ldvermond@...>wrote:

> **
>
>
> **
> Paul,
>
> Those UX-210s do sing with 800V on 'em. :-)
>
> Output? Lou
>
> ----- Original Message -----
> *From:* N1BUG <paul@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* 2013-07-19 9:00 PM
> *Subject:* Re: [AWA Group] eBay Alert
>
> Yup. Nice power supply for those vintage transmitters if you can't
> build a period correct supply. Just before the BK last year I threw
> together a 0-1000V 150mA supply. Those UX-210s do sing with 800V on
> 'em. :-)
>
> Shortly before that I acquired a (modern) 0-600V 0-4.5 amp(!!!)
> supply I'll probably never use. I'm stuck with it though. It's MUCH
> too heavy to ship.

>
> 73,
> Paul N1BUG
>
>
>
>
> On 07/19/2013 01:21 PM, Louis Vermond wrote:
> >
> >
> > Useful...
> > Pick-up? I'm in Buena Park,CA,near Knott's Berry Farm.
> >
> >
> > Sprague High Voltage Tube Power Supply,UTC S-45 Power
> > Transformer,0-500VDC,200MA
> >
> >
> http://www.ebay.com/itm/Sprague-High-Voltage-Tube-Power-Supply-UTC-S-45-Power-Transforme
r-0-500VDC-200MA-/271238631121?pt=Vintage_Electronics_R2&hash=item3f27150ed1#ht_5624wt_848
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7961. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 02:55:12 UTC
From: Mike Feher
Topic: 130 Message: 7961

Eddie -

Sorry to hear about your ordeal. Hopefully you will be back to normal in about 6 or so weeks. My GF's friend also had both done. The first about 6 weeks ago and the second about three weeks ago. She is now already driving, and is in her 70's. Get well fast. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of deswynar xplornet.ca
Sent: Sunday, July 21, 2013 5:55 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert

Hi Lou,

Hi Lou,

Sure am thinkin' of all you guys, & the world of vintage radio!

I am presently in the St. John Re-Hab Hospital here in Toronto, having undergone not one, but TWO knee replacements on Wednesday 10th July---will be here until this coming Friday morning...

About as much fun as attempting to copy Steve out in BC on 160-meters CW the first weekend in December...! On second thought, I take that back: it,s a HECKUVA lot more fun copying Steve...

~73~ de Eddy VE3CUI - VE3XZ

On Sun, Jul 21, 2013 at 5:14 PM, Louis Vermond <ldvermond@...> wrote:

Paul,

Those UX-210s do sing with 800V on 'em. :-)

Output? Lou

----- Original Message -----

From: N1BUG <mailto:paul@...>

To: AWAGroup@yahoogroups.com

Sent: 2013-07-19 9:00 PM

Subject: Re: [AWA Group] eBay Alert

Yup. Nice power supply for those vintage transmitters if you can't build a period correct supply. Just before the BK last year I threw together a 0-1000V 150mA supply. Those UX-210s do sing with 800V on 'em. :-)

Shortly before that I acquired a (modern) 0-600V 0-4.5 amp(!!!) supply I'll probably never use. I'm stuck with it though. It's MUCH too heavy to ship.

73,
Paul N1BUG

On 07/19/2013 01:21 PM, Louis Vermond wrote:
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> Useful...
> Pick-up? I'm in Buena Park,CA,near Knott's Berry Farm.
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er-Transformer-0-500VDC-200MA-/271238631121?pt=Vintage_Electronics_R2&hash=i
tem3f27150ed1#ht_5624wt_848> &hash=item3f27150ed1#ht_5624wt_848

Yahoo! Groups Links

7962. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 11:10:38 UTC
From: Larry Szendrei
Topic: 130 Message: 7962

Eddy,

I will add my best wishes to Mike's and Steve's for a speedy recovery. 40M AM was pretty decent on Sat - I was just monitoring while doing my weight-lifting routine - so if you have access to your AM station when you get home, perhaps we can hook up there. I did quite a bit of operating last fall when I was recovering from my accident. A lot of it was on 10M AM, which was open to Europe daily from sometime in Oct. until early Dec., at which time it would still be open occasionally, but not consistently. Making all those QSOs helped me get through my period of limited mobility.

73,
-Larry/NE1S

On 7/21/13 10:55 PM, Mike Feher wrote:
>
> Eddie --
>
> Sorry to hear about your ordeal. Hopefully you will be back to normal
> in about 6 or so weeks. My GF's friend also had both done. The first
> about 6 weeks ago and the second about three weeks ago. She is now
> already driving, and is in her 70's. Get well fast. 73 -- Mike
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> Howell, NJ, 07731
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> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] *On
> Behalf Of *deswynar xplornet.ca
> *Sent:* Sunday, July 21, 2013 5:55 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* Re: [AWA Group] eBay Alert
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> Hi Lou,
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> Hi Lou,
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> Sure am thinkin' of all you guys, & the world of vintage radio!
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> I am presently in the St. John Re-Hab Hospital here in Toronto, having
> undergone not one, but TWO knee replacements on Wednesday 10th

> July---will be here until this coming Friday morning...
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> About as much fun as attempting to copy Steve out in BC on 160-meters
> CW the first weekend in December...! On second thought, I take that
> back: it,s a HECKUVA lot more fun copying Steve...
>
> _

7963. Fwd: [Glowbugs] FW: Western Electric plugs into Rossville, makes vacuum tubes for audiophiles | timesfreepress.com

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 11:19:47 UTC
From: Larry Szendrei
Topic: 7963 Message: 7963

FYI.

These will no doubt be out of our price range, but it's still good to see some vacuum tube manufacturing resuming in the US. Helps keep the art alive...

(Re-posted from the Glowbugs list.)

73,
-Larry/NE1S

From: N3MP@...
To: stevemillererie@...
Subject: Western Electric plugs into Rossville, makes vacuum tubes for audiophiles | timesfreepress.com
Date: Sun, 21 Jul 2013 19:40:53 -0400

Making tubes again.
http://www.timesfreepress.com/news/2013/jun/23/western-electric-plugs-into-rossville/?businesstnvalley

7964. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 11:31:00 UTC
From: N1BUG
Topic: 130 Message: 7964

Those UX-210s do sing with 800V on 'em. :-)

?

Output?

I don't have an extremely accurate meter for relatively low power. Using a RF ammeter and modern power meter with tics at 0, 10, 20, 30... watts, output was 15 to 20 watts, depending on frequency. Input was about 45 to 50 watts. Bear in mind this was the TNT? with my 50K grid leak. You'd probably get more input with the more usual 10K.

73,
Paul

7965. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 11:34:34 UTC
From: N1BUG
Topic: 130 Message: 7965

Eddy,

I would like to join in wishing you a speedy recovery! I look forward to seeing you in the pile-ups this winter (assuming I am back on the air by then)

73,
Paul

7966. Re: [AWA Group] Did I hear, "CQ AWA"?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 11:46:58 UTC
From: N1BUG
Topic: 7916 Message: 7966

http://www.radiomarine.org/audio/list?panel=pab1_13#pab1_13
?

Klick on: "500kc in Europe 1972-1974"?? ....Ahhhhhh

1972-1974. Hmm. If you will excuse my ignorance, when were those transmitters built? Were they still using really old stuff?

73,
Paul

7967. Good for another 100 years...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 12:23:02 UTC
From: Louis Vermond
Topic: 7967 Message: 7967

Hi Eddy,

Adding my best recovery wishes. Soon you'll be scurrying up those 150 foot towersof yours!

73, Lou
VE3AWA

7968. Re: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 12:29:31 UTC
From: KG4KGL
Topic: 7932 Message: 7968

Update:

I was putting this pwr supply together Sunday afternoon, and as I was looking through my desk drawer, I found a 12vdc wall wart. So I just use that as the input voltage for the regulator circuit. Now I have 5vdc for the filaments. For now it is built as "ugly construction. Later I will etch a PCB to do it proper.

Robert
KG4KGL

On Jul 15, 2013, at 8:10, "Mike Feher" <n4fs@...> wrote:

> Paul –
>
>
>
> I said that in my reply. It is 8.9 minus the two diode drops. Regardless, the resistor values are too high now to provide adequate current. I also suggested a three terminal regulator. I did not want to give a full solution as that way he does not learn anything, HI. 73 – Mike
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>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
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> Howell, NJ, 07731
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> 732-886-5960
>
>
>
> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
> Sent: Monday, July 15, 2013 8:04 AM
> To: AWAGroup@yahoogroups.com
> Subject: Re: [AWA Group] My Regen protoBreadBoard
>
>
>
>
>
> > You could use an LM7805 regulator, but it needs at least 7v input.
> > Perhaps run the Heath 6.3vac through a doubler/diode rectifier, and
> > then a 0.33uF/25v tantalum input cap, then the 5v regulator, and
> > then a 0.1uF/12v tantalum cap. That should give you a fairly clean

> > 5v. (the cap values are from the Fairchild datasheet).
>
> 6.3vac RMS should give 8.9 volts DC no load at the filter cap with a
> full wave rectifier. Depending on the transformer current rating, it
> should hold up to well above 7 volts with a half amp load. I would
> use a large filter cap after the rectifier to prevent ripple from
> becoming a problem. I haven't done the math but I would use at least
> 100 uF. The .33 uF and .1 uF caps as close to the regulator as
> possible are still a good idea.
>
> Paul
>
>
>

7969. Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 12:56:52 UTC
From: cwopr
Topic: 7969 Message: 7969

Good luck, Eddy, with your recovery.
Hope you will soon be scooting around your
place, getting your antennas ready for the
upcoming winter DX season.
73 de Bill K4JYS

7970. RE: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 12:58:38 UTC
From: Mike Feher
Topic: 7932 Message: 7970

Rob –

Just remember to heat sink whatever you are using as the 5 volt regulator. Two UV201As will require 0.25 amps each for a total of 0.5 amps. First, make sure the wall-wart is capable of at least 0.5 amps. If it is, you will be dropping 7 volts (12 – 5) across the three terminal regulator, assuming that is the way you are going. Power is E*I so, the power dissipated will be 7*0.5 or, 3.5 watts. That means the regulator would get way too hot. A small heat sink should help. The other less obvious problem is RF, from the regen, getting into the regulator and causing havoc with the solid state regulator. Place a 0.001 to 0.01 ceramic from the output to the ground, close to the regulator to eliminate this problem. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of KG4KGL
Sent: Monday, July 22, 2013 8:30 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] My Regen protoBreadBoard

Update:

I was putting this pwr supply together Sunday afternoon, and as I was looking through my desk drawer, I found a 12vdc wall wart. So I just use that as the input voltage for the regulator circuit. Now I have 5vdc for the filaments. For now it is built as "ugly construction. Later I will etch a PCB to do it proper.

Robert

KG4KGL

On Jul 15, 2013, at 8:10, "Mike Feher" <n4fs@...> wrote:

Paul –

I said that in my reply. It is 8.9 minus the two diode drops. Regardless, the resistor values are too high now to provide adequate current. I also suggested a three terminal regulator. I did not want to give a full solution as that way he does not learn anything, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Monday, July 15, 2013 8:04 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] My Regen protoBreadBoard

> You could use an LM7805 regulator, but it needs at least 7v input.
> Perhaps run the Heath 6.3vac through a doubler/diode rectifier, and
> then a 0.33uF/25v tantalum input cap, then the 5v regulator, and
> then a 0.1uF/12v tantalum cap. That should give you a fairly clean
> 5v. (the cap values are from the Fairchild datasheet).

6.3vac RMS should give 8.9 volts DC no load at the filter cap with a full wave rectifier. Depending on the transformer current rating, it should hold up to well above 7 volts with a half amp load. I would use a large filter cap after the rectifier to prevent ripple from becoming a problem. I haven't done the math but I would use at least 100 uF. The .33 uF and .1 uF caps as close to the regulator as possible are still a good idea.

Paul

7971. Re: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 13:13:07 UTC
From: KG4KGL
Topic: 7932 Message: 7971

Thanks for those tips. The circuit already has a 0.1uF cap from output to GND. So substitute that with a .01 or .001uF?

Robert
KG4KGL

On Jul 22, 2013, at 8:58, "Mike Feher" <n4fs@...> wrote:

> Rob –
>
>
>
> Just remember to heat sink whatever you are using as the 5 volt regulator. Two UV201As will require 0.25 amps each for a total of 0.5 amps. First, make sure the wall-wart is capable of at least 0.5 amps. If it is, you will be dropping 7 volts (12 – 5) across the three terminal regulator, assuming that is the way you are going. Power is E*I so, the power dissipated will be 7*0.5 or, 3.5 watts. That means the regulator would get way too hot. A small heat sink should help. The other less obvious problem is RF, from the regen, getting into the regulator and causing havoc with the solid state regulator. Place a 0.001 to 0.01 ceramic from the output to the ground, close to the regulator to eliminate this problem. 73 – Mike
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> From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of KG4KGL
> Sent: Monday, July 22, 2013 8:30 AM
> To: AWAGroup@yahoogroups.com
> Subject: Re: [AWA Group] My Regen protoBreadBoard
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>
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> Update:
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> I was putting this pwr supply together Sunday afternoon, and as I was looking through my desk drawer, I found a 12vdc wall wart. So I just use that as the input voltage for the regulator circuit. Now I have 5vdc for the filaments. For now it is built as "ugly construction. Later I will etch a PCB to do it proper.
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> Robert
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> KG4KGL
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> Paul –
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> Paul
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7972. RE: [AWA Group] My Regen protoBreadBoard

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 13:19:31 UTC
From: Mike Feher
Topic: 7932 Message: 7972

Rob –

No, use the ceramic smaller value in addition to the 0.1 uf. The 0.1 is in there for stability purposes of the feedback loop within the regulator. It is not that great at RF frequencies. The smaller ceramic will take care of the RF. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of KG4KGL
Sent: Monday, July 22, 2013 9:13 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] My Regen protoBreadBoard

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Robert

KG4KGL

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Paul

7973. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 11:44:14 UTC
From: Bill Stewart
Topic: 130 Message: 7973

GL Eddy and hope you make a quick recovery. 73 de Bill K4JYS ----- Original Message ----- From: "deswynar xplornet.ca" To: AWAGroup@yahoogroups.com Sent: Sunday, July 21, 2013 5:55:28 PM Subject: Re: [AWA Group] eBay Alert Hi Lou, Hi Lou, Sure am thinkin' of all you guys, & the world of vintage radio! I am presently in the St. John Re-Hab Hospital here in Toronto, having undergone not one, but TWO knee replacements on Wednesday 10th July---will be here until this coming Friday morning... About as much fun as attempting to copy Steve out in BC on 160-meters CW the first weekend in December...! On second thought, I take that back: it,s a HECKUVA lot more fun copying Steve... ~73~ de Eddy VE3CUI - VE3XZ On Sun, Jul 21, 2013 at 5:14 PM, Louis Vermond < ldvermond@... > wrote: Paul, Those UX-210s do sing with 800V on 'em. :-) Output? Lou
----- Original Message ----- From: N1BUG To: AWAGroup@yahoogroups.com Sent: 2013-07-19 9:00 PM Subject: Re: [AWA Group] eBay Alert Yup. Nice power supply for those vintage transmitters if you can't build a period correct supply. Just before the BK last year I threw together a 0-1000V 150mA supply. Those UX-210s do sing with 800V on 'em. :-) Shortly before that I acquired a (modern) 0-600V 0-4.5 amp(!!!) supply I'll probably never use. I'm stuck with it though. It's MUCH too heavy to ship. 73, Paul N1BUG On 07/19/2013 01:21 PM, Louis Vermond wrote: > > > Useful... > Pick-up? I'm in Buena Park,CA,near Knott's Berry Farm. > > > Sprague High Voltage Tube Power Supply,UTC S-45 Power > Transformer,0-500VDC,200MA > > http://www.ebay.com/itm/Sprague-High-Voltage-Tube-Power-Supply-UTC-S-45-Power-Transformer-0-500VDC-200MA-/271238631121?pt=Vintage_Electronics_R2&hash=item3f27150ed1#ht_5624wt_848 ---------- Yahoo! Groups Links

7974. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 10:46:57 UTC
From: Bill Stewart
Topic: 130 Message: 7974

GL Eddy and hope you make a quick recovery. 73 de Bill K4JYS ----- Original Message ----- From: "deswynar xplornet.ca" To: AWAGroup@yahoogroups.com Sent: Sunday, July 21, 2013 5:55:28 PM Subject: Re: [AWA Group] eBay Alert Hi Lou, Hi Lou, Sure am thinkin' of all you guys, & the world of vintage radio! I am presently in the St. John Re-Hab Hospital here in Toronto, having undergone not one, but TWO knee replacements on Wednesday 10th July---will be here until this coming Friday morning... About as much fun as attempting to copy Steve out in BC on 160-meters CW the first weekend in December...! On second thought, I take that back: it,s a HECKUVA lot more fun copying Steve... ~73~ de Eddy VE3CUI - VE3XZ On Sun, Jul 21, 2013 at 5:14 PM, Louis Vermond < ldvermond@... > wrote: Paul, Those UX-210s do sing with 800V on 'em. :-) Output? Lou
----- Original Message ----- From: N1BUG To: AWAGroup@yahoogroups.com Sent: 2013-07-19 9:00 PM Subject: Re: [AWA Group] eBay Alert Yup. Nice power supply for those vintage transmitters if you can't build a period correct supply. Just before the BK last year I threw together a 0-1000V 150mA supply. Those UX-210s do sing with 800V on 'em. :-) Shortly before that I acquired a (modern) 0-600V 0-4.5 amp(!!!) supply I'll probably never use. I'm stuck with it though. It's MUCH too heavy to ship. 73, Paul N1BUG On 07/19/2013 01:21 PM, Louis Vermond wrote: > > > Useful... > Pick-up? I'm in Buena Park,CA,near Knott's Berry Farm. > > > Sprague High Voltage Tube Power Supply,UTC S-45 Power > Transformer,0-500VDC,200MA > > http://www.ebay.com/itm/Sprague-High-Voltage-Tube-Power-Supply-UTC-S-45-Power-Transformer-0-500VDC-200MA-/271238631121?pt=Vintage_Electronics_R2&hash=item3f27150ed1#ht_5624wt_848 ---------- Yahoo! Groups Links

7975. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 17:03:12 UTC
From: deswynar xplornet.ca
Topic: 130 Message: 7975

Hi Guys,

Many thanks for all of the good wishes from everyone re. my dual knee replacement surgery here...!

Recovery is a long, slow haul---bar none!---but all of the experts here tell me that it is well worth it...so who am I to argue, right...? Hi Hi

My continued best wishes from the St. John's Re-Hab Hospital in downtown Toronto, which shall se the last of me this coming Friday at 9:00 AM...

~73~ de Eddy VE3CUI - VE3XZ

On Mon, Jul 22, 2013 at 6:46 AM, Bill Stewart <cwopr@...> wrote:

> **
>
>
> GL Eddy and hope you make a quick recovery.
>
> 73 de Bill K4JYS
>
> ---
>
> *From: *"deswynar xplornet.ca" <deswynar@xplornet.ca>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Sunday, July 21, 2013 5:55:28 PM
> *Subject: *Re: [AWA Group] eBay Alert
>
>
>
> Hi Lou,
>
> Hi Lou,
>
> Sure am thinkin' of all you guys, & the world of vintage radio!
>
> I am presently in the St. John Re-Hab Hospital here in Toronto, having
> undergone not one, but TWO knee replacements on Wednesday 10th July---will
> be here until this coming Friday morning...
>
> About as much fun as attempting to copy Steve out in BC on 160-meters CW
> the first weekend in December...! On second thought, I take that back: it,s
> a HECKUVA lot more fun copying Steve...
>
> ~73~ de Eddy VE3CUI - VE3XZ

> On Sun, Jul 21, 2013 at 5:14 PM, Louis Vermond <ldvermond@...>wrote:
>
>> **
>>
>>
>> **
>> Paul,
>>
>> Those UX-210s do sing with 800V on 'em. :-)
>>
>> Output? Lou
>>
>> ----- Original Message -----
>> *From:* N1BUG <paul@...>
>> *To:* AWAGroup@yahoogroups.com
>> *Sent:* 2013-07-19 9:00 PM
>> *Subject:* Re: [AWA Group] eBay Alert
>>
>> Yup. Nice power supply for those vintage transmitters if you can't
>> build a period correct supply. Just before the BK last year I threw
>> together a 0-1000V 150mA supply. Those UX-210s do sing with 800V on
>> 'em. :-)
>>
>> Shortly before that I acquired a (modern) 0-600V 0-4.5 amp(!!!)
>> supply I'll probably never use. I'm stuck with it though. It's MUCH
>> too heavy to ship.
>>
>> 73,
>> Paul N1BUG
>>
>>
>>
>>
>> On 07/19/2013 01:21 PM, Louis Vermond wrote:
>> >
>> >
>> > Useful...
>> > Pick-up? I'm in Buena Park,CA,near Knott's Berry Farm.
>> >
>> >
>> > Sprague High Voltage Tube Power Supply,UTC S-45 Power
>> > Transformer,0-500VDC,200MA
>> >
>> >
>> http://www.ebay.com/itm/Sprague-High-Voltage-Tube-Power-Supply-UTC-S-45-Power-Transform
er-0-500VDC-200MA-/271238631121?pt=Vintage_Electronics_R2&hash=item3f27150ed1#ht_5624wt_84
8
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>> Yahoo! Groups Links
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>

7976. Eddy

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 17:40:01 UTC
From: Louis Vermond
Topic: 7969 Message: 7976

Maybe u been made aware already, but this has been popping up wid ur Es....

To approve this message, reject this message, or ban this author using the web, please visit:

7977. Eddy on the Binnacle list

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 17:53:49 UTC
From: Roger Kuchera
Topic: 7977 Message: 7977

Hi Ed,
    My kind felicitations and hope your off the Binnacle list soon. I understand you've entered a tap-dancing competition out there in BC; True?

     Remember that growing old ain't for sissies

CUL, Roger/K1TG

7978. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 18:29:27 UTC
From: Steve
Topic: 130 Message: 7978

>My continued best wishes from the St. John's Re-Hab Hospital in downtown Toronto, which shall se the last of me this coming Friday at 9:00 AM...

I hope they have good air conditioning there Eddy...understand that TO has been a real heatbox this summer.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

7979. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-22 21:01:32 UTC
From: Ron Barlow
Topic: 130 Message: 7979

Hi Eddy,
 My best wishes for a speedy recovery. My 28 year old son had extensive surgery performed on both knees, last year (sports injuries), but they were performed one at a time. He has recovered well, and I hope that you do, also!
Vy 73 de Ron n4gjv

From: deswynar xplornet.ca <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, July 21, 2013 5:55 PM
Subject: Re: [AWA Group] eBay Alert

Hi Lou,

Hi Lou,

Sure am thinkin' of all you guys, & the world of vintage radio!

I am presently in the St. John Re-Hab Hospital here in Toronto, having undergone not one, but TWO knee replacements on Wednesday 10th July---will be here until this coming Friday morning...

About as much fun as attempting to copy Steve out in BC on 160-meters CW the first weekend in December...! On second thought, I take that back: it,s a HECKUVA lot more fun copying Steve...

~73~ de Eddy VE3CUI - VE3XZ

7980. ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-27 13:25:32 UTC
From: Louis Vermond
Topic: 2924 Message: 7980

4 WESTERN ELECTRIC 205-D RADIO TUBES

http://www.ebay.com/itm/4-WESTERN-ELECTRIC-205-D-RADIO-TUBES-TYPE-205D-MATCHED-QUAD-ON-TV-7-TENNIS-BALL/380683535429?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D140495100006150973%26pid%3D100084%26prg%3D1115%26rk%3D8%26rkt%3D8%26sd%3D350686067232%26&ssPageName=ADME:B:SS:US:3160

7981. eBay Alert Rare Grebe Radio CR-18

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-29 10:54:41 UTC
From: Louis Vermond
Topic: 7981 Message: 7981

http://www.ebay.com/itm/Rare-Grebe-Radio-CR-18/151087548753?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D1869667966361697 30%26pid%3D100084%26prg%3D1115%26rk%3D8%26rkt%3D8%26sd%3D190877243892%26&ssPageName=ADME:B:SS:US:3160

13 hours to go...

7982. eBay Alert National NC-101X Ham-Band Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-29 11:03:51 UTC
From: Louis Vermond
Topic: 7982 Message: 7982

http://www.ebay.com/itm/National-NC-101X-Ham-Band-Receiver/281140386908?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D186966974075288369%26pid%3D100084%26prg%3D1115%26rk%3D5%26rkt%3D8%26sd%3D271248011593%26&ssPageName=ADME:B:SS:US:1120

7983. eBay Alert Pair, UV 202 Radio Tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-29 11:06:13 UTC
From: Louis Vermond
Topic: 7983 Message: 7983

http://www.ebay.ca/itm/Pair-UV-202-Radio-Tubes-Brass-Tip-Good-/380687810621?ssPageName=ADME:B:SS:US:3160

7984. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-29 16:04:00 UTC
From: Louis Vermond
Topic: 130 Message: 7984

Those UX-210s do sing with 800V on 'em. :-)

Output?

I don't have an extremely accurate meter for relatively low power. Using a RF ammeter and modern power meter with tics at 0, 10, 20, 30... watts, output was 15 to 20 watts, depending on frequency. Input was about 45 to 50 watts. Bear in mind this was the TNT with my 50K grid leak. You'd probably get more input with the more usual 10K.

73,
Paul

800V Dr. Bugsy's prescription to cure low Kelley scores?

7985. TWO knee replacements on Wednesday 10th July

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-29 16:06:08 UTC
From: Louis Vermond
Topic: 7985 Message: 7985

Dear Eddy,

Well?

73, Lou

7986. Re: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-29 17:48:44 UTC
From: Louis Vermond
Topic: 7894 Message: 7986
Attachments: 1 described; binary payloads are missing from this source WARC

Steve, Have you built this? Photo? 73, Lou

Sorry Robert – still trying to learn my new camera. Try this one.

From: KG4KGL [mailto:kg4kgl@...]
Sent: Tuesday, July 09, 2013 8:50 PM
To: Steve Flood
Subject: Re: [AWA Group] Late night regen musings

Thanks for the reply. I hate to be a pest, but I can not read the schematic. When I try to enlarge it, it only gets blurred.

73,

Robert

KG4KGL

On Jul 9, 2013, at 21:18, "Steve Flood" <kk7uv@...> wrote:

<image007.jpg><image008.jpg><image009.jpg>

Here’s the ’29 station monitor.

The batteries are located under the bakelite deck and accessible through the bottom cover. The deck holds the 199 and coil socket, and a piece of poplar to hold the other two band coils.

Steve, KK7UV

7987. Re: [AWA Group] TWO knee replacements on Wednesday 10th July

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-29 22:14:04 UTC
From: Eddy Swynar
Topic: 7985 Message: 7987

On 2013-07-29, at 12:06 PM, Louis Vermond wrote:

>
> Dear Eddy,
>
> Well?
>
> 73, Lou

Hi Lou,

Well, I came home on Friday, & went to a follow-up visit with the surgeon this morning. All is proceeding according to plan, he says, & both knees are showing good flexibility of around 180-degrees. The swelling is abating, too, and I am able to get around with just the one, single cane---but for longer hauls I still feel safer using the walker.

I do my at-home exercises twice a day, for about a half hour per each session: they really do a work-out on specific knee, calf, & thigh muscles, bar none. To-morrow I see my physiotherapist in nearby Oshawa.

I wish I had shares in the Tylenol company! I pop about 3 - 4 Extra Strength Tylenols here each day, about a half hour before I commence my exercises.

I can't believe how very quickly the month of July has gone by---a "lost" month for me, for sure...but hopefully a good month, too, in that all my past & on-going knee pains & restricted mobility might very soon become but a distant memory for me here...!

~73~ de Eddy VE3CUI - VE3XZ

7988. RE: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-29 23:57:11 UTC
From: Steve Flood
Topic: 7894 Message: 7988
Attachments: 2 described; binary payloads are missing from this source WARC

Yes Lou. Works FB too.

The batteries are located under the bakelite deck and accessible through the bottom cover. The deck holds the 199 and coil socket, and a piece of poplar to hold the other two band coils.

7989. Re: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-30 02:03:29 UTC
From: Louis Vermond
Topic: 7894 Message: 7989
Attachments: 2 described; binary payloads are missing from this source WARC

As usual, very sharp, Steve.

Please walk us through its use. Example... Do u use it to monitor ur sending? If so, after transmitting and ready to receive, do you transfer the 'phones to the RX or?

GN, Lou

Yes Lou. Works FB too.

The batteries are located under the bakelite deck and accessible through the bottom cover. The deck holds the 199 and coil socket, and a piece of poplar to hold the other two band coils.

7990. eBay Alert Old Thordarson Transformers---- One hour to go...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-30 20:54:03 UTC
From: Louis Vermond
Topic: 7990 Message: 7990

4:54PM Eastern
1 hour to go...
http://www.ebay.com/itm/2-Old-Thordarson-Transformers-1920s-/290950428512?pt=Vintage_Electronics_R2&hash=item43bdff3760#ht_208wt_1141

7991. RE: [AWA Group] Late night regen musings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-31 00:23:14 UTC
From: Steve Flood
Topic: 7894 Message: 7991

As many regen receiver users know, strong signals will cause frequency “pulling”. Your own transmitter presents a very strong signal and results in pulling, overload, and distortion in your regen receiver which makes it fairly useless for accurately spotting or monitoring your own signal. The monitor is just a simple regen receiver. It has no antenna per se, and when put into oscillation it emits a very weak signal suitable for listening in your station receiver. You can adjust the signal strength in the station receiver by simply moving the monitor closer or further away.

For now, I wear two headsets - one for the station regen receiver and one for the monitor. You simply shift one or the other onto your neck or head. You could otherwise build a switch that swaps a single headset to either the receiver or the monitor.

Here’s how I use the monitor:

Tune the regen receiver to the desired frequency.

While listening to the receiver, tune the monitor until you hear the monitor signal in the receiver.

While then listening on the monitor, tune your transmitter until it is zero-beat with the monitor. The transmitter is now netted to the receiver frequency and you can comfortably listen to your own signal in the monitor.

After sending CQ, I take the receiver off standby and swap headphones.

It sounds awkward – but it’s really not that bad.

7992. Detectors -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-31 02:38:30 UTC
From: Mike Feher
Topic: 7992 Message: 7992
Attachments: 11 described; binary payloads are missing from this source WARC

Well, for a change of the general topics on here, I decided to post some photos. As you guys know the majority of real early detectors were either coherers or magnetic. The attached photos show most of the ones in my collection. Hope some of you will enjoy seeing them. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

7993. Re: [AWA Group] Detectors -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-31 04:39:22 UTC
From: Leonard Meek
Topic: 7992 Message: 7993

Very nice collection, Mike. Wish I could do something like that with my stuff.

Leonard

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: Tuesday, July 30, 2013 4:38 PM
Subject: [AWA Group] Detectors -

Well, for a change of the general topics on here, I decided to post some photos. As you guys know the majority of real early detectors were either coherers or magnetic. The attached photos show most of the ones in my collection. Hope some of you will enjoy seeing them. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

7994. Re: [AWA Group] Detectors -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-31 12:03:02 UTC
From: Edward Gable
Topic: 7992 Message: 7994

Hello Mike: That is a great collection, thanks for sharing. I especially like the last four (in the displayed picture sequence) as "primitives" is a style and period of interest to me. Keep up the good work. 73,

Ed Gable k2mp
Curator Emeritus, AWA Museum

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: Tuesday, July 30, 2013 10:38 PM
Subject: [AWA Group] Detectors -

Well, for a change of the general topics on here, I decided to post some photos. As you guys know the majority of real early detectors were either coherers or magnetic. The attached photos show most of the ones in my collection. Hope some of you will enjoy seeing them. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

7995. RE: [AWA Group] Detectors -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-07-31 12:47:27 UTC
From: Mike Feher
Topic: 7992 Message: 7995

Ed -

Thanks for the compliment. Regarding the Knott pair - here is the rest of the story:

The interesting thing is, the one in the display case used to belong to me about 35 or so years ago. One year there was an antique radio meet in Fort Wayne and we went back there for it from our VA QTH. Me to go to mainly attend the meet and Kathy and kids to visit family. Regardless, Stanley Johnson was there, a big mid-western Fort Wayne collector, whom I knew real well even from the days when I lived in Fort Wayne, invited a few of us to his house, where I have been many times in the past. Jim Kreuzer, Jerry Vanicek, Gil Schleman and I were there. We were sitting on the rear porch steps drinking beer and Stan comes out with this pair (TX/RX). My jaw just fell open and Stan handed them to me. I asked, kind of afraid, how much. Stan said how about $50. This was unheard of as it was especially cheap, and Stan was not known for bargains. I came up with the $50 real fast. One year I had them at Canandaigua to enter in the contest. John Milton Williams talked me out of them. He gave me two real rare and early crystal sets and $500 for the pair. At his recent pre-estate sale, a friend of mine outbid Kreuzer and got it, and, eventually I talked him out of it, so, it made the rounds. Needless to say I am very pleased. John built the nice display case for it, and also did some minor restoration. The other Knott coherer also came from my friend which he got last year someplace and I was able to get that as well. I was real surprised to find the 1900 article with a photo of the same coherer while googleing other night.

Good hearing from you - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Edward Gable
Sent: Wednesday, July 31, 2013 8:03 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Detectors -

Hello Mike: That is a great collection, thanks for sharing. I especially like the last four (in the displayed picture sequence) as "primitives" is a style and period of interest to me. Keep up the good work. 73,

Ed Gable k2mp

Curator Emeritus, AWA Museum

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: Tuesday, July 30, 2013 10:38 PM

Subject: [AWA Group] Detectors -

Well, for a change of the general topics on here, I decided to post some photos. As you guys know the majority of real early detectors were either coherers or magnetic. The attached photos show most of the ones in my collection. Hope some of you will enjoy seeing them. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

7996. eBay Alert Marconi Coherer Spark Radio Detector Tube Replica + LED Receiver + Spark TX Kit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-01 12:32:39 UTC
From: Louis Vermond
Topic: 7996 Message: 7996

I have one. He does good work. He sells coherer alone. SKED?

http://www.ebay.co.uk/itm/Marconi-Coherer-Spark-Radio-Detector-Tube-Replica-LED-Receiver-Spark-TX-Kit-/111132765672?ssPageName=ADME:B:SS:US:3160

7997. eBay Alert GENERAL RADIO REGULATED POWER SUPPLY

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-05 12:56:44 UTC
From: Louis Vermond
Topic: 7997 Message: 7997

http://www.ebay.com/itm/GENERAL-RADIO-REGULATED-POWER-SUPPLY-/281146644491?pt=LH_DefaultDomain_0&hash=item4175a5580b#ht_384wt_1064

7998. AE7NV -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-06 02:38:20 UTC
From: Mike Feher
Topic: 7998 Message: 7998

Please welcome Jeffrey to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

7999. Re: [AWA Group] AE7NV -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-06 22:28:43 UTC
From: Roger Kuchera
Topic: 7998 Message: 7999

Howdy Jeff,
     Welcome to a great bunch vintage radio ops. I often refer to them as the League of Extraordinary Gentlemen.

CUL, Roger/K1TG

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, August 5, 2013 10:38 PM
Subject: [AWA Group] AE7NV -

Please welcome Jeffrey to the group. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

8000. RE: [AWA Group] AE7NV -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-07 01:47:38 UTC
From: Jeff
Topic: 7998 Message: 8000

Thank you all very much. Very glad to be a part of the group. 73 de AE7NV

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Tuesday, August 06, 2013 3:29 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] AE7NV -

Howdy Jeff,

Welcome to a great bunch vintage radio ops. I often refer to them as the League of

Extraordinary Gentlemen.

CUL, Roger/K1TG

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, August 5, 2013 10:38 PM
Subject: [AWA Group] AE7NV -

Please welcome Jeffrey to the group. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

8001. Koch Morse Code Software

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-07 16:04:47 UTC
From: fourwattswilltravel
Topic: 8001 Message: 8001

Hi All,

I am having trouble finding this software program, can anybody send me a link?

Thank You

See you soon on 40 meters with my DX-40

73 Dan

8002. RE: [AWA Group] Koch Morse Code Software

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-07 16:13:44 UTC
From: barry whittemore
Topic: 8001 Message: 8002

http://www.g4fon.net/CW%20Trainer.htm

enjoy

Barry

NF1O

To: AWAGroup@yahoogroups.com
From: danyoder.cs@...
Date: Wed, 7 Aug 2013 16:04:47 +0000
Subject: [AWA Group] Koch Morse Code Software

Hi All,

I am having trouble finding this software program, can anybody send me a link?

Thank You

See you soon on 40 meters with my DX-40

73 Dan

8003. Re: [AWA Group] Koch Morse Code Software

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-07 16:34:34 UTC
From: Daniel Yoder
Topic: 8001 Message: 8003

Thanks Barry

On Wed, Aug 7, 2013 at 12:13 PM, barry whittemore <wb1edi@hotmail.com>wrote:

> **
>
>
> http://www.g4fon.net/CW%20Trainer.htm
>
> enjoy
> Barry
> NF1O
>
> ----------
> To: AWAGroup@yahoogroups.com
> From: danyoder.cs@...
> Date: Wed, 7 Aug 2013 16:04:47 +0000
> Subject: [AWA Group] Koch Morse Code Software
>
>
>
> Hi All,
>
> I am having trouble finding this software program, can anybody send me a
> link?
>
> Thank You
>
> See you soon on 40 meters with my DX-40
>
> 73 Dan
>
>
>
>

8004. UX-210 800V

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-07 21:42:54 UTC
From: N1BUG
Topic: 130 Message: 8004

800V??? Dr. Bugsy's prescription to cure low Kelley scores?

Nope, kept it legal in the Kelley. In fact, waited til after the Kelley to try the 800V test as I had visions of $$$ going up in smoke if the 83 year old tube wasn't as stout as in its youth. I was tempted to keep going past 800V but evidently I didn't have "the right stuff" as I chickened out. :)

Bugsy

8005. eBay Alert 3 1920s QSTs 40 Min.s to go....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-08 00:19:12 UTC
From: Louis Vermond
Topic: 8005 Message: 8005

8:18PM Eastern

http://www.ebay.com/sch/estate-raiders/m.html?item=221262227517&ssPageName=ADME%3AB%3ASS%3AUS%3A3160&rt=nc&_trksid=p2047675.l2562

8006. Interesting...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-09 00:05:08 UTC
From: Louis Vermond
Topic: 2847 Message: 8006
Attachments: 1 described; binary payloads are missing from this source WARC

Sir Francis Ronalds 1788-1873
Ronalds's telegraph - 1816
This telegraph consisted of a single wire encased in glass tubing, which was then placed in a wooden trough in a trench filled with earth. The wire was kept charged using a friction machine. At each end, clockwork dials were used to indicate the letter or figure being transmitted. It was slow, but it worked.

Ronalds never patented his invention but offered it to the Admiralty for government use. The Admiralty were not interested. They saw telegraphy as 'wholly unnecessary' and couldn't see how it could be more useful than semaphore. One person did benefit from this work - Charles Wheatstone. He saw the telegraph as a boy, and later patented the first working electric telegraph with William Cooke.

After this disappointment, Ronalds set off for the continent. He travelled throughout Europe and the Eastern Mediterranean, taking notes, sketching and collecting scientific books. The last activity formed the beginnings of the Ronalds Library, left in trust to the IEE (now the IET) after his death.

8007. Re: [AWA Group] Interesting...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-09 04:01:41 UTC
From: Leonard Meek
Topic: 2847 Message: 8007
Attachments: 1 described; binary payloads are missing from this source WARC

Similar to the story of Mahlon Loomis (1826-1886).

Leonard
----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Thursday, August 08, 2013 2:05 PM
Subject: [AWA Group] Interesting...

Sir Francis Ronalds 1788-1873
Ronalds's telegraph - 1816
This telegraph consisted of a single wire encased in glass tubing, which was then placed in a wooden trough in a trench filled with earth. The wire was kept charged using a friction machine. At each end, clockwork dials were used to indicate the letter or figure being transmitted. It was slow, but it worked.

Ronalds never patented his invention but offered it to the Admiralty for government use. The Admiralty were not interested. They saw telegraphy as 'wholly unnecessary' and couldn't see how it could be more useful than semaphore. One person did benefit from this work - Charles Wheatstone. He saw the telegraph as a boy, and later patented the first working electric telegraph with William Cooke.

After this disappointment, Ronalds set off for the continent. He travelled throughout Europe and the Eastern Mediterranean, taking notes, sketching and collecting scientific books. The last activity formed the beginnings of the Ronalds Library, left in trust to the IEE (now the IET) after his death.

8008. eBay Alert Silver-Marshall Round the World Four...Fb Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-09 11:12:25 UTC
From: Louis Vermond
Topic: 8008 Message: 8008

http://www.ebay.com/itm/290956525524

8009. Re: [AWA Group] eBay Alert Silver-Marshall Round the World Four...Fb Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-09 12:32:41 UTC
From: N1BUG
Topic: 8008 Message: 8009

Ooooooohhhhh...!!! OK, I'm finally convinced... I need to set up a filter to automatically route all emails containing 'eBay' to /dev/null ?? :)

On 08/09/2013 07:12 AM, Louis Vermond wrote:

http://www.ebay.com/itm/290956525524

8010. RE: [AWA Group] Interesting...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-09 14:05:33 UTC
From: Mike Feher
Topic: 2847 Message: 8010

Yes, Loomis was ahead of his time as well. His method was using electrified clouds at two distant locations reached by kites with wires in place of strings, and the earth as the return. He used a tangent galvanometer to detect Morse characters. We (The Ole Virginia Hams ARC) did a re-enactment of his attempts in the mid 80's, while I was living in VA, where Loomis did his work. We were not successful, since local AM stations where so strong that we could get RF burns from our kite wires. This was all performed under my supervision. I kept all of the materials we replicated from drawings as well as the documentation that we got from the public domain and the Smithsonian. About 20 years ago I donated it all to the AWA as BK asked for it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Friday, August 09, 2013 12:02 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Interesting...

Similar to the story of Mahlon Loomis (1826-1886).

Leonard

--

8011. /dev/null Wt's that? Silver-Marshall Round the World Four...Fb Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-09 15:58:24 UTC
From: Louis Vermond
Topic: 8011 Message: 8011
Attachments: 1 described; binary payloads are missing from this source WARC

From: N1BUG
To: Louis Vermond
Sent: 2013-08-09 10:35 AM
Subject: Re: [AWA Group] eBay Alert Silver-Marshall Round the World Four...Fb Condx

Heh heh. I can always count on you, Lou. I wondered who'd be the first to ask. :)

In unix-like computer operating systems (including linux, which I use here), /dev/null is a special file you can send stuff to when you want it to appear as though the information never existed. Anything sent there magically vanishes without so much as a trace.

It was a jocular and techie way of saying I really have to stop looking at eBay stuff, because I want everything I see!

Bugsy

You've one thing wrong here. It's not your "want", but a need... As well, think of the money you'd save. With that RX, you would never want or need another OT receiver.

GL, OM. Lou

8012. Re: [AWA Group] /dev/null Wt's that? Silver-Marshall Round the World Four...Fb Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-10 19:55:45 UTC
From: N1BUG
Topic: 8011 Message: 8012

On 08/09/2013 11:58 AM, Louis Vermond wrote:

You've one thing wrong here. It's not?your "want", but a need... As well, think of the money you'd save. With that RX, you would never?want or need?another OT receiver.

Ah, yes. It was that sort of logic that caused me to bid north of $500 on a Pilot Super Wasp last year. I lost of course. I like this RX even more and it seems to be in fantastic condition, but I'm just not in any position to do it now. The bid price at the time of the initial eBay Alert was already beyond my current means. Good luck, guys, if any of you are going after it.

Bugsy

8013. Mystery transceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-11 01:46:34 UTC
From: Daniel Petersen
Topic: 8013 Message: 8013

Hi Gang:

I have added three photos to my album (Dan-W7OIL) of what appears to be a transceiver that I picked up at the surplus store today. It looks like it had been commercially or institutionally built. It has been partially stripped. The HRO dial is especially intriguing. Does anyone recognize this beast? I intend to strip it for parts. The HRO dial alone is worth more than what I paid for it.

--
73,
Dan - W7OIL

8014. RE: [AWA Group] Mystery transceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-11 04:14:49 UTC
From: Mike Feher
Topic: 8013 Message: 8014

Dan -

It really looks home brew to me. Maybe you can attach higher resolution photos here so we can have a better look. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Saturday, August 10, 2013 9:47 PM
To: awagroup
Subject: [AWA Group] Mystery transceiver

Hi Gang:

I have added three photos to my album (Dan-W7OIL) of what appears to be a transceiver that I picked up at the surplus store today. It looks like it had been commercially or institutionally built. It has been partially stripped. The HRO dial is especially intriguing. Does anyone recognize this beast? I intend to strip it for parts. The HRO dial alone is worth more than what I paid for it.

--
73,
Dan - W7OIL

8015. Re: [AWA Group] Mystery transceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-11 04:25:07 UTC
From: Daniel Petersen
Topic: 8013 Message: 8015

Hi Mike:

I got a chance to look at it a little closer and you may very well be right. I see a 4.5 MHz sound IF can and what looks like VHF inductors. A VHF transceiver or somethingorother? If it's homebrew it's quite involved. I'll try to get detailed pics.
73,
Dan - W7OIL

On Sat, Aug 10, 2013 at 9:14 PM, Mike Feher <n4fs@...> wrote:

> **
>
>
> Dan –****
>
> ** **
>
> It really looks home brew to me. Maybe you can attach higher resolution
> photos here so we can have a better look. 73 – Mike ****
>
> ** **
>
> Mike B. Feher, N4FS****
>
> 89 Arnold Blvd.****
>
> Howell, NJ, 07731****
>
> 732-886-5960 ****
>
> ** **
>
> *From:* AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] *On
> Behalf Of *Daniel Petersen
> *Sent:* Saturday, August 10, 2013 9:47 PM
> *To:* awagroup
> *Subject:* [AWA Group] Mystery transceiver****
>
> ** **
>
> ****
>
> Hi Gang:****
>
> ****

>
> I have added three photos to my album (Dan-W7OIL) of what appears to be a
> transceiver that I picked up at the surplus store today. It looks like it
> had been commercially or institutionally built. It has been partially
> stripped. The HRO dial is especially intriguing. Does anyone recognize this
> beast? I intend to strip it for parts. The HRO dial alone is worth more
> than what I paid for it.
>
> --
> 73,
> Dan - W7OIL****
>
> ****
>
>
>

--

73,
Dan - W7OIL

8016. Re: [AWA Group] Mystery transceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-11 09:55:57 UTC
From: N1BUG
Topic: 8013 Message: 8016

Hi Dan,

Hard to say from the pictures. Looks homebrew to me. I'd guess VHF transmitter or transceiver, probably with a 4X150A or similar tube in the final. Some of the coils look about 6 meter-ish, though I could almost make a case for it being band switched 6 and 2? On closer look I could almost believe 3 bands, but that would indeed be an unusual item. Better and more pictures might help.

73,
Paul N1BUG

On 08/11/2013 12:25 AM, Daniel Petersen wrote:

Hi Mike:

?

I got a chance to look at it a little closer and you may very well be right. I see a 4.5 MHz sound IF can and what looks like VHF inductors. A VHF transceiver or somethingorother? If it's homebrew it's quite involved. I'll try to get detailed pics.

73,

Dan - W7OIL

On Sat, Aug 10, 2013 at 9:14 PM, Mike Feher <n4fs@...> wrote:

?

Dan ?

?

It really looks home brew to me. Maybe you can attach higher resolution photos here so we can have a better look. 73 ? Mike

?

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

?

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen

Sent: Saturday, August 10, 2013 9:47 PM
To: awagroup
Subject: [AWA Group] Mystery transceiver

?

?

Hi Gang:

?

I have added three photos to my album (Dan-W7OIL) of what appears to be a transceiver that I picked up at the surplus store today. It looks like it had been commercially or institutionally built. It has been partially stripped. The HRO dial is especially intriguing. Does anyone recognize this beast? I intend to strip it for parts. The HRO dial alone is worth more than?what I paid for it.

--
73,
Dan - W7OIL

--

73,
Dan - W7OIL

8017. Re: [AWA Group] /dev/null Wt's that? Silver-Marshall Round the World Four...Fb Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-11 10:45:31 UTC
From: Louis Vermond
Topic: 8011 Message: 8017
Attachments: 1 described; binary payloads are missing from this source WARC

It was that sort of logic that caused me to bid north of $500 on a Pilot Super Wasp last year

Good, then I'm not the only one who is...

8018. Re: [AWA Group] /dev/null Wt's that? Silver-Marshall Round the World Four...Fb Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-11 10:52:30 UTC
From: N1BUG
Topic: 8011 Message: 8018
Attachments: 1 described; binary payloads are missing from this source WARC

It was that sort of logic that caused me to bid north of $500 on a Pilot Super Wasp last year

?

Good, then I'm not the only one who is...

:-) I could say the same. Apparently I'm in good company!

8019. ebay Alert Ameco Model CPS Vacuum Tube Code Practice Oscillator

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-11 14:56:17 UTC
From: Louis Vermond
Topic: 8019 Message: 8019

http://www.ebay.com/itm/Ameco-Model-CPS-Vacuum-Tube-Code-Practice-Oscillator-/380693195748?pt=US_Ham_Radio_Transmitters&hash=item58a3152be4#ht_777wt_1249

8020. Mystery Transceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-11 17:08:46 UTC
From: Daniel Petersen
Topic: 8020 Message: 8020

Hi Gents:

I have added more detailed photos of the "Mystery transceiver" to my photo-album. Have a look-see and form your opinions. I will be deconstructing ("stripping" is such a vulgar word) it starting this morning. If you see anything of interest to you let me know - except the HRO dial...thats MINE! 8^)

--
73,
Dan - W7OIL

8021. RE: [AWA Group] Mystery Transceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-11 17:48:41 UTC
From: Mike Feher
Topic: 8020 Message: 8021

Dan -

Definitely home brew. It is clear not only from the construction, but, also from the parts used. There are a lot of items from military radios like the ARC-5, TU from BC375/191, and the PW dial was available on a few WWII surplus items as well. I built nicer looking stuff while in HS, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Sunday, August 11, 2013 1:09 PM
To: awagroup
Subject: [AWA Group] Mystery Transceiver

Hi Gents:

I have added more detailed photos of the "Mystery transceiver" to my photo-album. Have a look-see and form your opinions. I will be deconstructing ("stripping" is such a vulgar word) it starting this morning. If you see anything of interest to you let me know - except the HRO dial...thats MINE! 8^)

--
73,
Dan - W7OIL

8022. RE: [AWA Group] Mystery Transceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-11 18:31:43 UTC
From: Carl Nord
Topic: 8020 Message: 8022

Dan,

What is the cabinet opening sizes. I.e. what size receiver would fit in there. It looks to be slightly larger than 19" which might fit an old Lafayette Comms rcvr I have...

Thanks

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Daniel Petersen
Sent: Sunday, August 11, 2013 1:09 PM
To: awagroup
Subject: [AWA Group] Mystery Transceiver

Hi Gents:

I have added more detailed photos of the "Mystery transceiver" to my photo-album. Have a look-see and form your opinions. I will be deconstructing ("stripping" is such a vulgar word) it starting this morning. If you see anything of interest to you let me know - except the HRO dial...thats MINE! 8^)

--
73,
Dan - W7OIL

8023. Contest info at new AWA site

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 02:04:09 UTC
From: Louis Vermond
Topic: 8023 Message: 8023

Perhaps this is old news to most of you, but I have just learned that the AWA has a new work-in-progress web site. Very impressive...

From Web Master, Richard Neidich... New link to Contest information:
http://www.antiquewireless.org/awa-on-the-air.html

73, Lou

8024. Re: [AWA Group] Contest info at new AWA site

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 11:34:53 UTC
From: N1BUG
Topic: 8023 Message: 8024

Yay! He even fixed the links to rules, log sheets and such so that they should work for more people. Down side is you must have MS Office or one of the free compatible suites, but this is a BIG step in the right direction. I'll be sure to send the man a thank you note!

73,
Paul aka Bugsy

On 08/11/2013 10:04 PM, Louis Vermond wrote:

Perhaps this is old news to most of you, but I have just learned that the AWA has a new work-in-progress web site. Very impressive...

?

From Web Master, Richard Neidich... ??New link to Contest information:
http://www.antiquewireless.org/awa-on-the-air.html

?

73, Lou

8025. Re: [AWA Group] Mystery Transceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 11:39:11 UTC
From: N1BUG
Topic: 8020 Message: 8025

Hmm. I will retract what I said about it appearing VHF-ish. What's left of that tank circuit (the 3 gang var cap) sure looks more like HF. Also I amend what I said about a 4X150 or such in the final. Obviously, it was two of them.

73,
Paul

On 08/11/2013 01:08 PM, Daniel Petersen wrote:

Hi Gents:

I have added more detailed photos of the "Mystery transceiver" to my photo-album. Have a look-see and form your opinions. I will be deconstructing ("stripping" is such a vulgar word) it starting this morning. If you see anything of interest to you let me know - except the HRO dial...thats MINE! 8^)

--
73,
Dan - W7OIL

8026. ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 11:45:09 UTC
From: Louis Vermond
Topic: 2924 Message: 8026

National NC-100 ASD Ham Radio Receiver W/ Matching Speaker *Nice*
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=300947635268&ssPageName=ADME:B:SS:US:3160

3 Hammarlund short wave radio receiver coil forms

http://www.ebay.com/itm/3-Hammarlund-short-wave-radio-receiver-coil-forms/261259572707?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D5115648918165643 16%26pid%3D100084%26prg%3D1115%26rk%3D3%26rkt%3D8%26sd%3D390642535433%26&ssPageName=ADME:B:SS:US:1120

8027. Re: [AWA Group] Contest info at new AWA site

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 11:57:18 UTC
From: Louis Vermond
Topic: 8023 Message: 8027

I'll be sure to send the man a thank you note! Good idea...

8028. Speaking of eBay...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 12:10:17 UTC
From: N1BUG
Topic: 8028 Message: 8028

I hestitate to ask this, but decided to do it. It seems to me I've noticed more competition for antique radio stuff, along with higher selling prices, in the fall/winter months. Assuming this isn't just my imagination, can anyone with greater experience hazard a guess as to when the seasonal buyers come out of hiding, please?

73,
Paul

8029. Re: [AWA Group] Speaking of eBay...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 13:58:50 UTC
From: Louis Vermond
Topic: 8028 Message: 8029

...when the seasonal [ham] buyers come out of hiding... Late September.

8030. Re: [AWA Group] Speaking of eBay...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 15:09:05 UTC
From: N1BUG
Topic: 8028 Message: 8030

...when the seasonal [ham] buyers come out of hiding... Late September.

TNX Lou

73,
Paul

8031. Re: [AWA Group] Home Page Photos?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 15:30:15 UTC
From: Louis Vermond
Topic: 7855 Message: 8031

Thank you, Andy. It's saved for use. 73, Lou

----- Original Message -----
From: Andy UU1CC
To: AWAGroup@yahoogroups.com
Sent: 2013-06-17 1:54 PM
Subject: Re: [AWA Group] Home Page Photos?

I love the caption: "The above illustration very clearly shows how one
of the REL alternating current type short wave converters is connected
to a standard broadcast band receiver"

On 06/16/2013 11:38 PM, Louis Vermond wrote:
> Hello out there....
> We're looking for OT related photos for the Group home page. If you have
> such, with or without captions, please pass them on to me or VE7SL.

--
73! Andy UU1CC

8032. Re: [AWA Group] Contest info at new AWA site

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 16:16:04 UTC
From: Eddy Swynar
Topic: 8023 Message: 8032

On 2013-08-11, at 10:04 PM, Louis Vermond wrote:

>
> Perhaps this is old news to most of you, but I have just learned that the AWA has a new work-in-progress web site. Very impressive...
>
> From Web Master, Richard Neidich... New link to Contest information: http://www.antiquewireless.org/awa-on-the-air.html
>

Hi All,

I think that is an EXCELLENT idea...!

In fact, it's so good that I saved the site in my "Favourites" file.

Thanks for the tip, Lou!

~73~ de Eddy VE3CUI - VE3XZ

8033. Re: [AWA Group] Contest info at new AWA site

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 16:27:36 UTC
From: Louis Vermond
Topic: 8023 Message: 8033

Thanks for the tip, Lou! You are welcome, Eddy.

How are the new old knees coming along?

----- Original Message -----
From: Eddy Swynar
To: AWAGroup@yahoogroups.com
Sent: 2013-08-12 12:16 PM
Subject: Re: [AWA Group] Contest info at new AWA site

On 2013-08-11, at 10:04 PM, Louis Vermond wrote:

Perhaps this is old news to most of you, but I have just learned that the AWA has a new work-in-progress web site. Very impressive...

From Web Master, Richard Neidich... New link to Contest information:
http://www.antiquewireless.org/awa-on-the-air.html

Hi All,

I think that is an EXCELLENT idea...!

In fact, it's so good that I saved the site in my "Favourites" file.

Thanks for the tip, Lou!

~73~ de Eddy VE3CUI - VE3XZ

8034. Re: [AWA Group] Contest info at new AWA site

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 18:32:13 UTC
From: Eddy Swynar
Topic: 8023 Message: 8034

On 2013-08-12, at 12:27 PM, Louis Vermond wrote:

>
> Thanks for the tip, Lou! You are welcome, Eddy.
>
> How are the new old knees coming along?
>
>

Hi Lou,

Many thanks for asking...

Well, this Wednesday will be FIVE WEEKS since the operation. I am able to hobble about with just the one single cane, but man-o-man, those knees of mine are PAINFUL!!!

I'm still keeping the TYLENOL company in black ink, what with all the Extra Strength Pain Pills that I'm popping here.

~73~ de Eddy VE3CUI - VE3XZ

8035. The AWA Review...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 20:33:50 UTC
From: Eddy Swynar
Topic: 8035 Message: 8035

Hi Guys,

I was VERY pleasantly surprised to see my free Volume 26 instalment of "THE AWA REVIEW" in my mailbox this morning...looks like a VERY nice read, too!

To whomever it is that is bestowing AWA members with this nicety, a sincere & heartfelt THANK-YOU! Your gracious generosity is MOST appreciated here...

~73!~ de Eddy VE3CUI - VE3XZ

8036. Re: [AWA Group] Mystery Transceiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 20:01:42 UTC
From: Daniel Petersen
Topic: 8020 Message: 8036

I thought VHF as well but not with the tune and load caps it had! I have it mostly de-constructed and now comes the cleaning and sorting. The whole thing kind of said "strange duck". The HRO knob alone is worth what I paid for it. Some of the parts will go to the local ham fleamarket in two weeks.
73,
Dan

On Mon, Aug 12, 2013 at 4:39 AM, N1BUG <paul@...> wrote:

> **
>
>
> *Hmm. I will retract what I said about it appearing VHF-ish. What's left
> of that tank circuit (the 3 gang var cap) sure looks more like HF. Also I
> amend what I said about a 4X150 or such in the final. Obviously, it was two
> of them.
>
> 73,
> Paul*
>
>
>
> On 08/11/2013 01:08 PM, Daniel Petersen wrote:
>
> Hi Gents:
>
> I have added more detailed photos of the "Mystery transceiver" to my
> photo-album. Have a look-see and form your opinions. I will be
> deconstructing ("stripping" is such a vulgar word) it starting this
> morning. If you see anything of interest to you let me know - except the
> HRO dial...thats MINE! 8^)
>
> --
> 73,
> Dan - W7OIL
>
>
>
>

--

73,
Dan - W7OIL

8037. Re: [AWA Group] ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 21:29:55 UTC
From: Don Buska - The Radio Lab Works
Topic: 2924 Message: 8037

*To bad it ain't the "101" version which would be the true Ham Band
version and not the general coverage receive of the 100 series.

Don N9OO*

On 8/12/2013 6:45 AM, Louis Vermond wrote:
>
>
> National NC-100 ASD Ham Radio Receiver W/ Matching Speaker *Nice*
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=300947635268&ssPageName=ADME:B:SS:US:
3160

8038. Re: [AWA Group] ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-12 21:38:12 UTC
From: Louis Vermond
Topic: 2924 Message: 8038

Still a beaut...

----- Original Message -----
From: Don Buska - The Radio Lab Works
To: AWAGroup@yahoogroups.com
Sent: 2013-08-12 5:29 PM
Subject: Re: [AWA Group] ebay Alert

To bad it ain't the "101" version which would be the true Ham Band version and not the general coverage receive of the 100 series.

Don N9OO

On 8/12/2013 6:45 AM, Louis Vermond wrote:

National NC-100 ASD Ham Radio Receiver W/ Matching Speaker *Nice*
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=300947635268&ssPageName=ADME:B:SS:US:3160

8039. Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 03:20:24 UTC
From: ab9zg@ymail.com
Topic: 8039 Message: 8039

Finally, my version of the Ross Hull Superhet has been completed.

To the best of my knowledge, all components used were available in 1929. I held closely to Hull's schematic, but incorporated some of the improvements mentioned in later articles (using a UX-210 as the detector was not one of those I used!). I also didn't bother including the BCB feature.

Some changes in the layout were necessary to fit the particular parts I found, which weren't always as compact as the ones Hull used. Like Hull, I used flexible wiring rather than bus wiring. But I did not like the idea of plunging the battery leads through the baseboard to the underside, so I neatly bundled them in the style sometimes seen in W.E. and S.M. gear made back then.

The front panel is made of glossy Bakelite purchased from Norva Plastics. The base is cherry and the stage shields are made of .050" aluminum etched with sodium hydroxide.

Performance observations will come after I make some tweaks to the plugin coils and find a better source of filament power than AA batteries.

I also built a companion B+/C- supply using a UX-213 tube, which I posted here previously.

8040. RE: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 11:07:54 UTC
From: Mike Feher
Topic: 8039 Message: 8040

Jonathan -

Simply a beautiful job. You will have to quit making them look so good. Future generations will think they are commercially made, HI. I'll be curious to the performance results after your tweaks. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of ab9zg@...
Sent: Monday, August 12, 2013 11:20 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Ross Hull Superhet finally finished

Finally, my version of the Ross Hull Superhet has been completed.

To the best of my knowledge, all components used were available in 1929. I held closely to Hull's schematic, but incorporated some of the improvements mentioned in later articles (using a UX-210 as the detector was not one of those I used!). I also didn't bother including the BCB feature.

Some changes in the layout were necessary to fit the particular parts I found, which weren't always as compact as the ones Hull used. Like Hull, I used flexible wiring rather than bus wiring. But I did not like the idea of plunging the battery leads through the baseboard to the underside, so I neatly bundled them in the style sometimes seen in W.E. and S.M. gear made back then.

The front panel is made of glossy Bakelite purchased from Norva Plastics. The base is cherry and the stage shields are made of .050" aluminum etched with sodium hydroxide.

Performance observations will come after I make some tweaks to the plugin coils and find a better source of filament power than AA batteries.

I also built a companion B+/C- supply using a UX-213 tube, which I posted here previously.

<https://lh4.googleusercontent.com/-r3-yo09wcns/UgmeKwvfekI/AAAAAAAABaA/HsusNZT9eic/s800/hull1.jpg>

<https://lh5.googleusercontent.com/-dRnOPZEf3DE/UgmeLRneUSI/AAAAAAAABaM/93Q96PZmhq0/s800/hull2.jpg>

<https://lh6.googleusercontent.com/-jVOB5IkWLJQ/UgmeLk4G_mI/AAAAAAAABaQ/nzVGIjbfl4o/s800/hull3.jpg>

<https://lh4.googleusercontent.com/-LNU-0REmm3Q/UgmeMcxNtfI/AAAAAAAABaY/qRQE5b8uXu8/s800/hull4.jpg>

8041. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 11:30:18 UTC
From: Louis Vermond
Topic: 8039 Message: 8041
Attachments: 1 described; binary payloads are missing from this source WARC

Once again you've raised expectations, Jonathan.

Please send directly a large file of this photo. Want a closer look.

73, Lou

Ldvermond@sympatico.ca

8042. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 12:01:11 UTC
From: Eddy Swynar
Topic: 8039 Message: 8042

Simply BEAUTIFUL...!!!

...And I am sure that its performance will equal that of its appearance, too.

There's no grander feeling in Amateur radio than that which is derived from utilizing a receiver that has been crafted by your own two hands---I know, because I've made a total of 3 to date, with each successive rig out-performing the previous one!

Please do keep everyone posted as to how yours works...CONGRATULATIONS!!!

~73~ de Eddy VE3CUI - VE3XZ

On 2013-08-12, at 11:20 PM, ab9zg@... wrote:

> Finally, my version of the Ross Hull Superhet has been completed.
>
> To the best of my knowledge, all components used were available in 1929. I held closely to Hull's schematic, but incorporated some of the improvements mentioned in later articles (using a UX-210 as the detector was not one of those I used!). I also didn't bother including the BCB feature.
>
> Some changes in the layout were necessary to fit the particular parts I found, which weren't always as compact as the ones Hull used. Like Hull, I used flexible wiring rather than bus wiring. But I did not like the idea of plunging the battery leads through the baseboard to the underside, so I neatly bundled them in the style sometimes seen in W.E. and S.M. gear made back then.
>
> The front panel is made of glossy Bakelite purchased from Norva Plastics. The base is cherry and the stage shields are made of .050" aluminum etched with sodium hydroxide.
>
> Performance observations will come after I make some tweaks to the plugin coils and find a better source of filament power than AA batteries.
>
> I also built a companion B+/C- supply using a UX-213 tube, which I posted here previously.
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8043. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 12:30:04 UTC
From: Roger Kuchera
Topic: 8039 Message: 8043

Bravo! Excellent workmanship. What one could expect from The League of Extraordinary Gentlemen!
BZ!!

CUL, Roger/K1TG

From: "ab9zg@..." <ab9zg@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, August 12, 2013 11:20 PM
Subject: [AWA Group] Ross Hull Superhet finally finished

Finally, my version of the Ross Hull Superhet has been completed.

To the best of my knowledge, all components used were available in 1929. I held closely to Hull's schematic, but incorporated some of the improvements mentioned in later articles (using a UX-210 as the detector was not one of those I used!). I also didn't bother including the BCB feature.

Some changes in the layout were necessary to fit the particular parts I found, which weren't always as compact as the ones Hull used. Like Hull, I used flexible wiring rather than bus wiring. But I did not like the idea of plunging the battery leads through the baseboard to the underside, so I neatly bundled them in the style sometimes seen in W.E. and S.M. gear made back then.

The front panel is made of glossy Bakelite purchased from Norva Plastics. The base is cherry and the stage shields are made of .050" aluminum etched with sodium hydroxide.

Performance observations will come after I make some tweaks to the plugin coils and find a better source of filament power than AA batteries.

I also built a companion B+/C- supply using a UX-213 tube, which I posted here previously.

8044. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 12:33:23 UTC
From: Larry Szendrei
Topic: 8039 Message: 8044

On 8/13/13 8:01 AM, Eddy Swynar wrote:
>
> */Simply BEAUTIFUL...!!!/*
>
>
> ...And I am sure that its performance will equal that of its
> appearance, too.
>
> There's no grander feeling in Amateur radio than that which is derived
> from utilizing a receiver that has been crafted by your own two
> hands---I know, because I've made a total of 3 to date, with each
> successive rig out-performing the previous one!
>
> Please do keep everyone posted as to how yours
> works...*CONGRATULATIONS!!!*
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>
>
Jon,

I'll echo what Eddie, Lou, and Mike have said. Otherwise, your craftsmanship leaves me speechless. It truly is a thing of beauty of which you have every right to be extremely proud. Well done!

73,
-Larry/NE1S

8045. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 12:33:35 UTC
From: Andy UU1CC
Topic: 8039 Message: 8045

On 08/13/2013 03:20 AM, ab9zg@... wrote:
>
> Finally, my version of the Ross Hull Superhet has been completed.
>

I'm is much better than original one, Jonathan. Thank you and
thanks for sharing.

--
73! Andy UU1CC

8046. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 12:57:31 UTC
From: N1BUG
Topic: 8039 Message: 8046

As always Jon, simply incredible work! I look foward to hearing reports of its performance.

73,
Paul N1BUG

8047. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 13:23:30 UTC
From: Andy UU1CC
Topic: 8039 Message: 8047

On 08/13/2013 12:33 PM, Andy UU1CC wrote:
>
>
> On 08/13/2013 03:20 AM, ab9zg@... wrote:
>> Finally, my version of the Ross Hull Superhet has been completed.
>>
>
> I'm is much better than original one, Jonathan. Thank you and
> thanks for sharing.

Such an indecency - not "I'm" but "it's" :)

--
73! Andy UU1CC

8048. RE: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 13:34:18 UTC
From: Mike Feher
Topic: 8039 Message: 8048

Andy -

Not to worry - your English is 1000 times better than my Russian. I did have almost 2 years of Russian growing up in Hungary. The revolution in 1956 ended that, and my contribution to the revolution at age 11 was to burn my Russian books, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Andy UU1CC
Sent: Tuesday, August 13, 2013 9:24 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ross Hull Superhet finally finished

On 08/13/2013 12:33 PM, Andy UU1CC wrote:

On 08/13/2013 03:20 AM, ab9zg@... wrote:

Finally, my version of the Ross Hull Superhet has been completed.

I'm is much better than original one, Jonathan. Thank you and thanks for sharing.

Such an indecency - not "I'm" but "it's" :)

--
73! Andy UU1CC

8049. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 14:05:12 UTC
From: Andy UU1CC
Topic: 8039 Message: 8049

On 08/13/2013 01:34 PM, Mike Feher wrote:
>
> The revolution in 1956 ended that, and my contribution to the
> revolution at age 11 was to burn my Russian books, HI.
>

By the way, Mike, what is a meaning of "HZIA" code expression, commonly used by Hungarian CW stations? Something alike "Hello" or "God bye"?

--
73! Andy UU1CC

8050. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 14:07:18 UTC
From: Andy UU1CC
Topic: 8039 Message: 8050

On 08/13/2013 01:34 PM, Mike Feher wrote:
>
> The revolution in 1956 ended that, and my contribution to the
> revolution at age 11 was to burn my Russian books, HI.
>

By the way, Mike, what is a meaning of "HZIA" code expression, commonly used by Hungarian CW stations? Something alike "Hello" or "God bye"?

--
73! Andy UU1CC

8051. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 14:55:16 UTC
From: Steve
Topic: 8039 Message: 8051

Jonathan - what superb workmanship. This is absolutely stunning....even Ross himself would be blown away I'm sure.

May we put a picture of it on the Group's Home Page?

I would love to hear how it performs once you've finished your tests.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8052. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 20:29:02 UTC
From: Don Buska - The Radio Lab Works
Topic: 8039 Message: 8052

*True engineering ART! Fantastic work Jonathan....

*
On 8/12/2013 10:20 PM, ab9zg@... wrote:
>
> Finally, my version of the Ross Hull Superhet has been completed.
>
> To the best of my knowledge, all components used were available in
> 1929. I held closely to Hull's schematic, but incorporated some of the
> improvements mentioned in later articles (using a UX-210 as the
> detector was not one of those I used!). I also didn't bother including
> the BCB feature.
>
> Some changes in the layout were necessary to fit the particular parts
> I found, which weren't always as compact as the ones Hull used. Like
> Hull, I used flexible wiring rather than bus wiring. But I did not
> like the idea of plunging the battery leads through the baseboard to
> the underside, so I neatly bundled them in the style sometimes seen in
> W.E. and S.M. gear made back then.
>
> The front panel is made of glossy Bakelite purchased from Norva
> Plastics. The base is cherry and the stage shields are made of .050"
> aluminum etched with sodium hydroxide.
>
> Performance observations will come after I make some tweaks to the
> plugin coils and find a better source of filament power than AA batteries.
>
> I also built a companion B+/C- supply using a UX-213 tube, which I
> posted here previously.
>

8053. eBay Alert See Buy It Now ...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 20:44:02 UTC
From: Louis Vermond
Topic: 8053 Message: 8053
Attachments: 1 described; binary payloads are missing from this source WARC

OLD VINTAGE NATIONAL NC RADIO VELVET VERNIER DIAL

http://www.ebay.com/itm/OLD-VINTAGE-NATIONAL-NC-RADIO-VELVET-VERNIER-DIAL-KNOB-MC-115-SER-NO-3046-HC-/380487345357?pt=LH_DefaultDomain_0&hash=item5896d024cd#ht_1964wt_1064

8054. Jonathan...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 20:48:51 UTC
From: Louis Vermond
Topic: 8054 Message: 8054

"Bakelite purchased from Norva Plastics."

Was the Bakelite from Norva without scratches and scuff marks?

Lou
VE3AWA

8055. Re: [AWA Group] Jonathan...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 21:57:55 UTC
From: Jon Delventhal
Topic: 8054 Message: 8055

Lou,

The Bakelite had a few light scratches, but no scuffs.

I bought one sheet of the stuff from Norva on eBay and was quite pleased by how close it resembled the original material. So I ordered 5 more sheets from the same place to use for my 861 transmitter, but they ended up having a nasty matte finish unusable for front panels. They definitely have several types, and since they are scraps, they probably have varying levels of scratches.

Jon

From: Louis Vermond <ldvermond@sympatico.ca>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, August 13, 2013 3:48 PM
Subject: [AWA Group] Jonathan...?

"Bakelite purchased from Norva Plastics."

Was the Bakelite from Norva without scratches and scuff
marks?

Lou
VE3AWA

8056. Re: Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 22:14:24 UTC
From: ab9zg@ymail.com
Topic: 8039 Message: 8056

Thanks for the kind words, guys.

I'll be sure to post comments on how it works once I get to thoroughly testing it.
The main complaints I have with my regenerative receiver is that it is not very selective on phone signals when not oscillating, is pulled by strong CW and SSB signals, and quits oscillating when a transmitter is keyed up nearby. It will be interesting to see if this receiver solves any of those problems, since it still uses regeneration in both detectors.

8057. Re: [AWA Group] Re: Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 22:27:20 UTC
From: Eddy Swynar
Topic: 8039 Message: 8057

On 2013-08-13, at 6:14 PM, ab9zg@... wrote:

> Thanks for the kind words, guys.
>
> I'll be sure to post comments on how it works once I get to thoroughly testing it.
> The main complaints I have with my regenerative receiver is that it is not very selective on phone signals when not oscillating, is pulled by strong CW and SSB signals, and quits oscillating when a transmitter is keyed up nearby. It will be interesting to see if this receiver solves any of those problems, since it still uses regeneration in both detectors.
>
>

Hi Jon,

Don't despair---I used regeneration in BOTH IF stages of my 1929-style superhet here, & finally resorted to having just the ONE stage regenerative...

What a great idea regeneration is! I can almost achieve classic "...single signal selectivity" with the receiver, and it's essentially a freebie. Just GREAT on CW, & a God-send on AM phone...

Like you., I have NEVER had any luck utilizing a classic regen receiver alongside a transmitter---UNLESS I was transmitting in the AM mode, that is. No such trouble with a super, however, as you will VERY quickly come to appreciate...

~73!~ de Eddy VE3CUI - VE3XZ

8058. Re: [AWA Group] eBay Alert See Buy It Now ...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-13 21:39:06 UTC
From: Don Buska - The Radio Lab Works
Topic: 8053 Message: 8058

*The sellers ID is very apropo!
*

On 8/13/2013 3:44 PM, Louis Vermond wrote:
>
>
> OLD VINTAGE NATIONAL NC RADIO VELVET VERNIER DIAL
>
> http://www.ebay.com/itm/OLD-VINTAGE-NATIONAL-NC-RADIO-VELVET-VERNIER-DIAL-KNOB-MC-115-SER-NO-3046-HC-/380487345357?pt=LH_DefaultDomain_0&hash=item5896d024cd#ht_1964wt_1064

8059. RE: [AWA Group] Jonathan...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-14 00:26:39 UTC
From: Steve Flood
Topic: 8054 Message: 8059

they ended up having a nasty matte finish unusable for front panels.

Those ‘matte’ Norva plastic panels are fine if you sand them and apply a gloss or satin black lacquer finish. I even routed (routered?) a beveled edge like the bakelite panels of old.

Steve KK7UV

8060. Re: [AWA Group] Jonathan...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-14 10:36:32 UTC
From: KG4KGL
Topic: 8054 Message: 8060

So are these plastic panels actually Bakelite, or are they something else that resembles it? The reason I ask is, I could not find "Bakelite" on their website.

Tnx,

Robert
KG4KGL

On Aug 13, 2013, at 20:26, "Steve Flood" <kk7uv@...> wrote:

> they ended up having a nasty matte finish unusable for front panels.
>
> Those ‘matte’ Norva plastic panels are fine if you sand them and apply a gloss or satin black lacquer finish. I even routed (routered?) a beveled edge like the bakelite panels of old.
>
> Steve KK7UV
>
>
>
>

8061. RE: [AWA Group] Jonathan...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-14 11:10:35 UTC
From: Steve Flood
Topic: 8054 Message: 8061

So are these plastic panels actually Bakelite, or are they something else that resembles it?

The material I referred to is acetal sheeting (polyoxymethylene or POM). DuPont’s brand name is Delrin. It is not Bakelite, but rather ‘fakelite’.

When properly finished it closely resembles Bakelite. I’ve seen POM in anything from glassy smooth, matte, and lightly textured surfaces.

Steve/KK7UV

8062. Re: [AWA Group] Jonathan...? It's a rose

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-14 11:39:12 UTC
From: Louis Vermond
Topic: 8062 Message: 8062

GM,

So are these plastic panels actually Bakelite, or are they something else that resembles it? The reason I ask is, I could not find "Bakelite" on their website. Tnx, Robert KG4KGL
As you'll read below, I've received "Bakelite" from Norva as well. As I have said to others here, this material looks, works and when worked, smells like Bakelite. Isn't there a saying about a rose....

Lou, The Bakelite had a few light scratches, but no scuffs.

I bought one sheet of the stuff from Norva on eBay and was quite pleased by how close it resembled the original material. So I ordered 5 more sheets from the same place to use for my 861 transmitter, but they ended up having a nasty matte finish unusable for front panels. They definitely have several types, and since they are scraps, they probably have varying levels of scratches. Jon

Thank you, Jon for your reply.

Three years ago I brought in two separate shipments of 3/16" X 4' X 4' glossy-both-side Bakelite from Norva. The first was scratched and scuffed, but there was enough clear area to fill my project needs. Later I phoned Narva with another order asking that the sheets be hand picked for best condition. Those turned out to be in worse shape. (Although an electrical grade, Norva customers use it in production machinery.)

I sent hours at that time researching other sources/manufactures, but came up with nothing promising. Now it occurs to me that I should have asked Norva if they would arrange with their source to supply them with "architectural grade", that is, masked both sides. (The stuff Fred and Ginger danced on.) There would be a minimum customer order I'm sure, but perhaps the Group would form a buying syndicate? Think of it, no more fooling yourself that the spray painted mason board looks like Bakelite.... Wt sa Group?

73, Lou
VE3AWA

8063. Re: [AWA Group] Jonathan...? It's a rose

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-14 11:56:13 UTC
From: N1BUG
Topic: 8062 Message: 8063

Three years ago I brought in two separate shipments of 3/16" X 4' X 4' glossy-both-side Bakelite from Norva.

Is this the phenolic XX material? I bought a 2' X 2' sheet of it two years ago. As I recall it had some light scuffs. My belief at the time was that they could be polished out, but I never got around to using it. I suppose I never will at this point, but perhaps I'll try polishing it to see if my theory was correct.

73,
Paul N1BUG

8064. Re: [AWA Group] Jonathan...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-14 11:57:58 UTC
From: ab9zg@ymail.com
Topic: 8054 Message: 8064

"Bakelite" is just a trade name for phenol formaldehyde resin. Molded Bakelite items were made of phenol formaldehyde resin with sawdust filler. Bakelite radio panels were made from phenol formaldehyde resin and sheets of paper. There were many other trade names for phenol formaldehyde and paper panels in the 1920s such as Micarta.
The material I bought from Norva consists of phenol formaldehyde resin and paper. It also has the same surface finish as Bakelite typically had. Therefore it is identical to "Bakelite" except for the branding.

The "matte" panels I received were also chemically the same as Bakelite, but the finish was not glossy. Mine were not Delrin, which actually looks more like hard rubber and has no filler.

Jon

--- In AWAGroup@yahoogroups.com, KG4KGL <kg4kgl@...> wrote:
>
> So are these plastic panels actually Bakelite, or are they something else that resembles it? The reason I ask is, I could not find "Bakelite" on their website.
>
> Tnx,
>
> Robert
> KG4KGL
>
> On Aug 13, 2013, at 20:26, "Steve Flood" <kk7uv@...> wrote:
>
> > they ended up having a nasty matte finish unusable for front panels.
> >
> > Those â□□matteâ□□ Norva plastic panels are fine if you sand them and apply a gloss or satin black lacquer finish. I even routed (routered?) a beveled edge like the bakelite panels of old.
> >
> > Steve KK7UV
> >
> >
> >
> >
>

8065. RCA AR-88 Receiver

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-14 13:45:47 UTC
From: Eddy Swynar
Topic: 6899 Message: 8065

Hi Guys,

In case you've been lusting to get your mitts on the classic RCA AR-88 receiver, here's your chance (as seen on the Ontario Swap Shop web site):

John Boyle VE3PMA [613-272-2941] in Portland ON has listed the following (08-02-2013 16:28:53):

For Sale (last updated 08-02-2013, listed 08-02-2013)
Manufacturer: RCA
Model: AR-88-F
Price: $325
Diversity receiver which includes IF gain control. Frequency coverage 540 kc to 32 mc. Set is in very good condition with metal cabinet.

~73!~ de Eddy VE3CUI - VE3XZ

8066. Re: [AWA Group] eBay Alert See Buy It Now ...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-14 15:21:57 UTC
From: N1BUG
Topic: 8053 Message: 8066

Yes... and check out his other vintage electronics items for more grins.

On 08/13/2013 05:39 PM, Don Buska - The Radio Lab Works wrote:

The sellers ID is very apropo!

On 8/13/2013 3:44 PM, Louis Vermond wrote:

?

OLD VINTAGE NATIONAL NC RADIO VELVET VERNIER DIAL

?

http://www.ebay.com/itm/OLD-VINTAGE-NATIONAL-NC-RADIO-VELVET-VERNIER-DIAL-KNOB-MC-115-SER-NO-3046-HC-/380487345357?pt=LH_DefaultDomain_0&hash=item5896d024cd#ht_1964wt_1064

?

8067. Russian, French & English Rig Mystery Circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-15 17:01:58 UTC
From: Louis Vermond
Topic: 8067 Message: 8067
Attachments: 2 described; binary payloads are missing from this source WARC

This ckt is from Andy, UU1CC.

From a 1925 Russian ham magazine after a French publication after an article by W.H. Eccles, President, RSGB (1923-24) in the Wireless World and Radio Review.

What kind of ckt is it??

8068. Re: [AWA Group] Russian, French & English Rig Mystery Circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-15 17:16:15 UTC
From: Steve
Topic: 8067 Message: 8068

I think KK7UV Steve nailed-it when he suggested a 'unity-coupled' oscillator.

Steve / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8069. Re: [AWA Group] Russian, French & English Rig Mystery Circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-15 17:45:50 UTC
From: Daniel Petersen
Topic: 8067 Message: 8069

I think (barely, most times) that it is a TPTG oscillator with the plate tank using tube capacitance to resonate. Alternately I could agree with "7SL" that it is unity coupled, but with the "unity" coil in the plate circuit. I wonder if L3 was placed inside L2? Experiment anyone?
73, Dan - W7OIL

On Thu, Aug 15, 2013 at 10:16 AM, Steve <ve7sl@...> wrote:

> **
>
>
> I think KK7UV Steve nailed-it when he suggested a 'unity-coupled'
> oscillator.
>
> Steve / VE7SL
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>
>

--

73,
Dan - W7OIL

8070. Re: [AWA Group] Russian, French & English Rig Mystery Circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-15 20:51:47 UTC
From: Larry Szendrei
Topic: 8067 Message: 8070
Attachments: 2 described; binary payloads are missing from this source WARC

Could be a variation of the TNT but with the Hi-Q
(frequency-controlling) tank in the grid rather than the plate circuit.
Never seen it before, though.

73,
-Larry/NE1S

On 8/15/13 1:01 PM, Louis Vermond wrote:
>
> This ckt is from Andy, UU1CC.
> From a 1925 Russian ham magazine after a French publication after an
> article by W.H. Eccles, President, RSGB (1923-24) in the /Wireless
> World and Radio Review./
> //
> _What kind of ckt is it??_
>

8071. Re: [AWA Group] Russian, French & English Rig Mystery Circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-15 21:05:39 UTC
From: Andy UU1CC
Topic: 8067 Message: 8071

On 08/15/2013 05:45 PM, Daniel Petersen wrote:

> I think (barely, most times) that it is a TPTG oscillator with the
> plate tank using tube capacitance to resonate. Alternately I could
> agree with "7SL" that it is unity coupled, but with the "unity" coil
> in the plate circuit. I wonder if L3 was placed inside L2? Experiment
> anyone?
>

Sure, Dan, all three coils are placed inside each other. I'll try
to translate the original article today (tonight exactly).

--
73! Andy UU1CC

8072. eBay Alert ... BRASS BASE TIPPED UV-202

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-16 11:06:00 UTC
From: Louis Vermond
Topic: 8072 Message: 8072

The appearance of this 202 is not up to audiophile standards so may go for a "reasonable" price.

http://www.ebay.ca/itm/BRASS-BASE-TIPPED-UV-202-TRANSMITTING-OR-AMPLIFIER-TUBE-TESTS-GOOD-/200953241207?pt=LH_DefaultDomain_0&hash=item2ec9bf1e77#ht_115wt_1064

8073. eBay Alert See tubes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-17 10:14:49 UTC
From: Louis Vermond
Topic: 8073 Message: 8073

http://www.ebay.com/sch/collectorguy45/m.html?item=290959836308&ssPageName=ADME%3AB%3ASS%3AUS%3A3160&rt=nc&_trksid=p2047675.l2562

8074. eBay Alert OBG he had two of them!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-17 11:35:35 UTC
From: Louis Vermond
Topic: 8074 Message: 8074

http://www.ebay.com/itm/290959837282

8075. Re: [AWA Group] Russian, French & English Rig Mystery Circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-17 16:13:24 UTC
From: Andy UU1CC
Topic: 8067 Message: 8075

On 08/15/2013 05:01 PM, Louis Vermond wrote:
>
> This ckt is from Andy, UU1CC.

Just posted:
http://www.glowbugs.info/2013/08/transmitters-qrp-1927-radio-wsem.html

--
73! Andy UU1CC

8076. Andy?!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-17 17:16:51 UTC
From: Louis Vermond
Topic: 8076 Message: 8076
Attachments: 1 described; binary payloads are missing from this source WARC

"Yet another vintage Soviet magazine with a yellow-red cover and the giant LENIN quote."

Pse do not leave us hanging, what it the English translation??

8077. RE: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-17 17:51:11 UTC
From: Mike Feher
Topic: 8039 Message: 8077

Andy -

I have no idea what that may mean. Remember, in 1956 I was only 11, so did not know anything about ham radio back then. I had an interest in electricity, and took apart radios, but that was it. It was not until I got to this country and met other boys interested in radio and was then introduced to ham radio. Received my ham license in early 1963, when I became a US citizen. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Andy UU1CC
Sent: Tuesday, August 13, 2013 10:07 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Ross Hull Superhet finally finished

On 08/13/2013 01:34 PM, Mike Feher wrote:

The revolution in 1956 ended that, and my contribution to the revolution at age 11 was to burn my Russian books, HI.

By the way, Mike, what is a meaning of "HZIA" code expression, commonly used by Hungarian CW stations? Something alike "Hello" or "God bye"?

--
73! Andy UU1CC

8078. Re: [AWA Group] Andy?!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-17 18:03:40 UTC
From: Andy UU1CC
Topic: 8076 Message: 8078

On 08/17/2013 05:16 PM, Louis Vermond wrote:
> Pse do not leave us hanging, what it the English translation??
>

"...it is necessary to create a meeting with millions of listeners"
- it is about his plans to create the Facebook, I think.

--
73! Andy UU1CC

8079. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-17 19:09:23 UTC
From: Steve
Topic: 8039 Message: 8079

> By the way, Mike, what is a meaning of "HZIA" code expression, commonly
> used by Hungarian CW stations? Something alike "Hello" or "God bye"?

Andy - are you sure it's not "SZIA" which in Hungarian CW is short for "see ya" or "bye-bye"

Steve / SZIA

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8080. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-17 19:37:45 UTC
From: Andy UU1CC
Topic: 8039 Message: 8080

On 08/17/2013 07:09 PM, Steve wrote:
> Andy - are you sure it's not "SZIA" which in Hungarian CW is short for "see
> ya" or "bye-bye"
>
>

Oh no... You're right, Steve: http://en.wiktionary.org/wiki/szia
It seems that I made several hundreds CW mistakes.

--
73! Andy UU1CC

8081. Filtre Cap...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-18 12:53:02 UTC
From: Louis Vermond
Topic: 8081 Message: 8081
Attachments: 1 described; binary payloads are missing from this source WARC

Anyone know when filtre capacitors such as this first appeared on the market?

Tks, Lou

8082. RE: [AWA Group] Filtre Cap...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-18 13:14:45 UTC
From: Mike Feher
Topic: 8081 Message: 8082

Would guess around mid-20's. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Sunday, August 18, 2013 8:53 AM
To: AWAGroup
Subject: [AWA Group] Filtre Cap...

Anyone know when filtre capacitors such as this first appeared on the market?

Tks, Lou

8083. Re: [AWA Group] Filtre Cap...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-18 14:26:41 UTC
From: N1BUG
Topic: 8081 Message: 8083

Anyone know when filtre capacitors such as this first appeared on the market?
I don't know when they first appeared, but the particular one you have is in the 1929-30 Chicago Radio catalog.
Nice find!

Paul

8084. Re: [AWA Group] Filtre Cap...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-18 17:39:02 UTC
From: Bill Stewart
Topic: 8081 Message: 8084

Hi Lou,
I was about to ask you for some dims. but just saw them
in the pix file name...L-W-D?...tnx. Looks like a good
candidate for making a replica. Your info just at the right
time as I am rebuilding my '24 Meissner. While on this
subject, does anyone know if there are other good, clear
pix and also possibly dims. of other capacitor/resistor units
from the early to late 1920s? Are there any catalogs, on
the web, from that period?
Thanks.
73 de Bill K4JYS

----- Original Message -----

From: "Louis Vermond" <ldvermond@...>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Sunday, August 18, 2013 8:53:02 AM
Subject: [AWA Group] Filtre Cap...

Anyone know when filtre capacitors such as this first appeared on the market?

Tks, Lou

8085. Re: [AWA Group] Filtre Cap...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-18 18:03:09 UTC
From: Roger Kuchera
Topic: 8081 Message: 8085

What in the world is "Filtre" Cap?? It's hard to tell if it is a cap that is dirty; Filthy cap. A stolen
cap; Filched cap. I cap used to smooth AC ripple (or couple an AC signal); A Filter cap.

Roger/K1TG

From: Bill Stewart <cwopr@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, August 18, 2013 1:39 PM
Subject: Re: [AWA Group] Filtre Cap...

Hi Lou,
I was about to ask you for some dims. but just saw them
in the pix file name...L-W-D?...tnx. Looks like a good
candidate for making a replica. Your info just at the right
time as I am rebuilding my '24 Meissner. While on this
subject, does anyone know if there are other good, clear
pix and also possibly dims. of other capacitor/resistor units
from the early to late 1920s? Are there any catalogs, on
the web, from that period?
Thanks.
73 de Bill K4JYS

From: "Louis Vermond" <ldvermond@sympatico.ca>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Sunday, August 18, 2013 8:53:02 AM
Subject: [AWA Group] Filtre Cap...

Anyone know when filtre capacitors such as this first appeared on the market?

Tks, Lou

8086. Re: [AWA Group] Filtre Cap...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-18 22:57:31 UTC
From: Bill Stewart
Topic: 8081 Message: 8086

Lou, ck page 2 of this web page.
http://www.vacuumtubeera.net/RadioBroadcast-Vol-12-1928-04.pdf

Bill K4JYS

----- Original Message -----

From: "Louis Vermond" <ldvermond@...>
To: "AWAGroup" <AWAGroup@yahoogroups.com>
Sent: Sunday, August 18, 2013 8:53:02 AM
Subject: [AWA Group] Filtre Cap...

Anyone know when filtre capacitors such as this first appeared on the market?

Tks, Lou

8087. "Filtre" Cap

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 01:26:46 UTC
From: Louis Vermond
Topic: 8087 Message: 8087

Anyone know when filtre capacitors such as this first appeared on the market? Tks, Lou
Would guess around mid-20’s. 73 - Mike Tks Mike... Than what type, design or whatever were used in the early 20s...if any?

I don't know when they first appeared, but the particular one you have is in the 1929-30 Chicago Radio catalogue. Nice find! Paul
Not mine...This was on eBay several years ago. Wish now that I had gone for it, but than I only had eyes for U ... K parts.

Looks like a good candidate for making a replica. Yes. What, copper sheet box spray painted semi-gloss black? Your info just at the right time as I am rebuilding my '24 Meissner.
Now that we want to see! Lou, ck page 2 of this web page. I did, thank you, Bill. I've saved it. 73 de Bill K4JYS

What in the world is "Filtre" Cap?? It's hard to tell if it is a cap that is dirty; Filthy cap. A stolen cap; Filched cap. I cap used to smooth AC ripple (or couple an AC signal); A Filter cap. Roger/K1TG Does someone here have a gun?

73, Lou

8088. Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 02:34:07 UTC
From: KG4KGL
Topic: 8088 Message: 8088

Well I wound my first coil yesterday eve. The finished product could be better, much better. The coil form is a ceramic one and the wire tends to slide up and down while winding. It does not help that I wound this with 22 ga wire. I think the smaller 26 or 30 gauge work better. Would covering the coil form with double sided tape hold the wire in place? How did they do this back in the day?

I am open to any suggestions to make this job easier.

Tnx,

Robert
KG4KGL

8089. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 02:52:14 UTC
From: Louis Vermond
Topic: 8088 Message: 8089

Robert,

Discribe your winding method pse. Lou

----- Original Message -----
From: KG4KGL
To: AWA
Sent: 2013-08-18 10:34 PM
Subject: [AWA Group] Winding coils

Well I wound my first coil yesterday eve. The finished product could be better, much better. The coil form is a ceramic one and the wire tends to slide up and down while winding. It does not help that I wound this with 22 ga wire. I think the smaller 26 or 30 gauge work better. Would covering the coil form with double sided tape hold the wire in place? How did they do this back in the day?

I am open to any suggestions to make this job easier.

Tnx,

Robert
KG4KGL

8090. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 07:48:24 UTC
From: Leonard Meek
Topic: 8088 Message: 8090

Try rubbing some wax on the form. Should keep it from slipping.

Leonard

----- Original Message -----
From: "KG4KGL" <kg4kgl@...>
To: "AWA" <AWAGroup@yahoogroups.com>
Sent: Sunday, August 18, 2013 4:34 PM
Subject: [AWA Group] Winding coils

> Well I wound my first coil yesterday eve. The finished product could be
> better, much better. The coil form is a ceramic one and the wire tends to
> slide up and down while winding. It does not help that I wound this with
> 22 ga wire. I think the smaller 26 or 30 gauge work better. Would covering
> the coil form with double sided tape hold the wire in place? How did they
> do this back in the day?
>
> I am open to any suggestions to make this job easier.
>
> Tnx,
>
> Robert
> KG4KGL
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

8091. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 10:21:23 UTC
From: KG4KGL
Topic: 8088 Message: 8091

Lou,

My method is really crude I guess. I hold the form in one hand and with other hand I wind the turns around, trying to keep the turns tight and adjacent to the previous turn.

Robert
KG4KGL

On Aug 18, 2013, at 22:52, Louis Vermond <ldvermond@...> wrote:

> Robert,
>
> Discribe your winding method pse. Lou
>
> ----- Original Message -----
> From: KG4KGL
> To: AWA
> Sent: 2013-08-18 10:34 PM
> Subject: [AWA Group] Winding coils
>
>
> Well I wound my first coil yesterday eve. The finished product could be better, much better. The coil form is a ceramic one and the wire tends to slide up and down while winding. It does not help that I wound this with 22 ga wire. I think the smaller 26 or 30 gauge work better. Would covering the coil form with double sided tape hold the wire in place? How did they do this back in the day?
>
> I am open to any suggestions to make this job easier.
>
> Tnx,
>
> Robert
> KG4KGL
>
>

8092. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 10:27:14 UTC
From: KG4KGL
Topic: 8088 Message: 8092

Will do. Now where is the wife's candles?

Robert
KG4KGL

On Aug 19, 2013, at 3:48, "Leonard Meek" <lemeek@...> wrote:

> Try rubbing some wax on the form. Should keep it from slipping.
>
> Leonard
>
>
> __,_

> ._,___
>

8093. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 10:42:08 UTC
From: Louis Vermond
Topic: 8088 Message: 8093

GM Robert,

Nothing wrong with that way of winding. Never though of Leonard's wax trick. Please let us know how it turned out. A photo would be great...

Lou

----- Original Message -----
From: KG4KGL
To: AWAGroup@yahoogroups.com
Cc: <AWAGroup@yahoogroups.com>
Sent: 2013-08-19 6:21 AM
Subject: Re: [AWA Group] Winding coils

Lou,

My method is really crude I guess. I hold the form in one hand and with other hand I wind the turns around, trying to keep the turns tight and adjacent to the previous turn.

Robert
KG4KGL

On Aug 18, 2013, at 22:52, Louis Vermond <ldvermond@...> wrote:

Robert,

Discribe your winding method pse. Lou

----- Original Message -----
From: KG4KGL
To: AWA
Sent: 2013-08-18 10:34 PM
Subject: [AWA Group] Winding coils

Well I wound my first coil yesterday eve. The finished product could be better, much better. The coil form is a ceramic one and the wire tends to slide up and down while winding. It does not help that I wound this with 22 ga wire. I think the smaller 26 or 30 gauge work better. Would covering the coil form with double sided tape hold the wire in place? How did they do this back in the day?

I am open to any suggestions to make this job easier.

Tnx,

Robert
KG4KGL

8094. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 11:47:16 UTC
From: Andy UU1CC
Topic: 8088 Message: 8094

On Mon, 19 Aug 2013 10:21:23 -0000, KG4KGL <kg4kgl@...> wrote:

>
>
> My method is really crude I guess. I hold the form in one hand and with
> other hand I wind the turns around, trying to >keep the turns tight and
> adjacent to the previous turn.

>
There is a better way to wind a coil. Try to apply some DC current to the wire, so that one become tepid, not too much. Then wind the coil (wearing some kind of gloves on - at the very end of the process the coil becomes too hot) and fix the wire ends firmly.

--
73! Andy UU1CC

8095. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 12:21:05 UTC
From: Bill Stewart
Topic: 8088 Message: 8095

Robert, I have had some success with this method: Take an old wash rag or something similar (make sure its not abrasive and won't scuff the wire) and fold it up around the wire. Place the fold w/wire in a vice and close it to give some tension on the wire...adj as needed. Take the coil form and just turn it in your hands, pulling against the tension. The tensioned wire will give you tight turns on the form. When you are finished, keep tension on the wire, until you run the end thru the hole or pin, so it won't spring back. The tension will also provide some control over individual coil placement. GL & 73 de Bill K4JYS ----- Original Message ----- From: "KG4KGL" To: AWAGroup@yahoogroups.com Cc: "" Sent: Monday, August 19, 2013 6:21:23 AM Subject: Re: [AWA Group] Winding coils Lou, My method is really crude I guess. I hold the form in one hand and with other hand I wind the turns around, trying to keep the turns tight and adjacent to the previous turn. Robert KG4KGL On Aug 18, 2013, at 22:52, Louis Vermond < ldvermond@sympatico.ca > wrote: Robert, Discribe your winding method pse. Lou
----- Original Message ----- From: KG4KGL To: AWA Sent: 2013-08-18 10:34 PM Subject: [AWA Group] Winding coils Well I wound my first coil yesterday eve. The finished product could be better, much better. The coil form is a ceramic one and the wire tends to slide up and down while winding. It does not help that I wound this with 22 ga wire. I think the smaller 26 or 30 gauge work better. Would covering the coil form with double sided tape hold the wire in place? How did they do this back in the day? I am open to any suggestions to make this job easier. Tnx, Robert KG4KGL

8096. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 23:16:35 UTC
From: N1BUG
Topic: 8088 Message: 8096
Attachments: 1 described; binary payloads are missing from this source WARC

Robert,

That is my least favorite method of winding coils. Among other problems, for each turn you put on the coil, you are putting a 360 degree twist in the wire. This work hardens the wire to some extent and can produce "waves" in the wire, making it difficult to get turns to lay evenly, and potentially leading to the turns wanting to slip on the form more than they would otherwise.

The method suggested by Bill is better. On small coils I have had some success holding the form mostly with my left hand, rotating it while feeding the wire under tension through my right hand with my right thumb pressing against the coil form as I turn it. I have no idea how to describe this process so it makes any sense! Sorry.

I find coil winding much easier and results more satisfactory using a winder of some sort. For small coils you can buy winders on eBay and probably other places. For larger coils, it isn't too difficult to build your own. Here is one I made from bits of scrap wood and metal for winding 160 meter TNT coils last year. I clamped the base of this winder into a vise, turned the crank with my right hand while using my left hand (with leather glove) to feed the #10 wire under considerable tension. For your small gauge wire you would need to insert the actual coil form in the winder. For my coils of #10 wire I wound them on this 2" PVC form, then slid the turns off and slowly worked them onto the 3" bakelite form. Again, I am struggling to describe the process. It was written up somewhere in one of the old QSTs, I think.

On 08/18/2013 10:34 PM, KG4KGL wrote:

Well I wound my first coil yesterday eve. The finished product could be better, much better. The coil form is a ceramic one and the wire tends to slide up and down while winding. It does not help that I wound this with 22 ga wire. I think the smaller 26 or 30 gauge work better. Would covering the coil form with double sided tape hold the wire in place? How did they do this back in the day?

I am open to any suggestions to make this job easier.

Tnx,

Robert
KG4KGL

8097. Re: [AWA Group] "Filtre" Cap

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 23:20:08 UTC
From: N1BUG
Topic: 8087 Message: 8097

Not mine...This was on eBay several years ago. Wish now that I had gone for it, but than I only had eyes for U?... K parts.

Oooooh, bummer! I missed my chance at a nice, NOS appearing pair of similar condensers early on, not realizing at the time I would have a serious desire to build a period correct supply! I've not seen any more since, though for the past several months I've not been looking.

Paul

8098. Yet another way to wind coils...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 23:47:35 UTC
From: Louis Vermond
Topic: 8098 Message: 8098
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8099. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 23:37:29 UTC
From: Bill Stewart
Topic: 8088 Message: 8099
Attachments: 1 described; binary payloads are missing from this source WARC

Robert,
Paul is exactly right about your method ending up with a twist or set in the wire.
You might end up with a jumbled up slinky. He is also right on the head with
building or buying a coil winder...depends on the general coil sizes you need
plus the price. I see Morris winders now and again on ebay.
73, Bill K4JYS

PS: Paul, I like the looks of the one in the pix...simple, yet effective.

----- Original Message -----

From: "N1BUG" <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, August 19, 2013 7:16:35 PM
Subject: Re: [AWA Group] Winding coils

Robert,

That is my least favorite method of winding coils. Among other problems, for each turn you put on the coil, you are putting a 360 degree twist in the wire. This work hardens the wire to some extent and can produce "waves" in the wire, making it difficult to get turns to lay evenly, and potentially leading to the turns wanting to slip on the form more than they would otherwise.

The method suggested by Bill is better. On small coils I have had some success holding the form mostly with my left hand, rotating it while feeding the wire under tension through my right hand with my right thumb pressing against the coil form as I turn it. I have no idea how to describe this process so it makes any sense! Sorry.

I find coil winding much easier and results more satisfactory using a winder of some sort. For small coils you can buy winders on eBay and probably other places. For larger coils, it isn't too difficult to build your own. Here is one I made from bits of scrap wood and metal for winding 160 meter TNT coils last year. I clamped the base of this winder into a vise, turned the crank with my right hand while using my left hand (with leather glove) to feed the #10 wire under considerable tension. For your small gauge wire you would need to insert the actual coil form in the winder. For my coils of #10 wire I wound them on this 2" PVC form, then slid the turns off and slowly worked them onto the 3" bakelite form. Again, I am struggling to describe the process. It was written up somewhere in one of the old QSTs, I think.

On 08/18/2013 10:34 PM, KG4KGL wrote:

Well I wound my first coil yesterday eve. The finished product could be better, much better. The coil form is a ceramic one and the wire tends to slide up and down while winding. It does not help that I wound this with 22 ga wire. I think the smaller 26 or 30 gauge work better. Would covering the coil form with double sided tape hold the wire in

place? How did they do this back in the day? I am open to any suggestions to make this job easier. Tnx, Robert KG4KGL

8100. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-19 23:52:08 UTC
From: Michael A. Bittner
Topic: 8088 Message: 8100
Attachments: 1 described; binary payloads are missing from this source WARC

I use the "door knob method":
1. Calculate how much wire you will need from your spool of wire to wind the coil.
2. Tie the loose end of wire from your spool to a door knob.
3. Back away from the door knob while holding the spool and letting it unwind to the length of wire you calculated.
4. Add a little extra to the length of wire you calculated and cut the wire from the spool.
5. Attach the cut end of the wire to your coil form through a hole in the form leaving some extra wire for a pigtail connection, or;
solder the wire to a solder lug on your coil form, if it has one. This will be the start end of your coil winding.
6. Wind the wire on the form by rolling the form toward you, with your fingers, (form held horizontally with wire on top of the form where you can see it) while keeping tension on the wire and slowly walking toward the door knob.
7. When you reach the door knob, keep one finger held down on the wire so that the whole thing doesn't unravel when you cut the wire from the door knob.
8. Attach the finish end of the coil winding the same way you attached the start end.
DONE

FWIW, I've used this method for several crystal set coils wound on cardboard toilet paper tubes as well as other materials.
Mike, W6MAB
-
-
-
----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: Monday, August 19, 2013 4:16 PM
Subject: Re: [AWA Group] Winding coils

Robert,

That is my least favorite method of winding coils. Among other problems, for each turn you put on the coil, you are putting a 360 degree twist in the wire. This work hardens the wire to some extent and can produce "waves" in the wire, making it difficult to get turns to lay evenly, and potentially leading to the turns wanting to slip on the form more than they would otherwise.

The method suggested by Bill is better. On small coils I have had some success holding the form mostly with my left hand, rotating it while feeding the wire under tension through my right hand with my right thumb pressing against the coil form as I turn it. I have no idea how to describe this process so it makes any sense! Sorry.

I find coil winding much easier and results more satisfactory using a winder of some sort. For small coils you can buy winders on eBay and probably other places. For larger coils, it

isn't too difficult to build your own. Here is one I made from bits of scrap wood and metal for winding 160 meter TNT coils last year. I clamped the base of this winder into a vise, turned the crank with my right hand while using my left hand (with leather glove) to feed the #10 wire under considerable tension. For your small gauge wire you would need to insert the actual coil form in the winder. For my coils of #10 wire I wound them on this 2" PVC form, then slid the turns off and slowly worked them onto the 3" bakelite form. Again, I am struggling to describe the process. It was written up somewhere in one of the old QSTs, I think.

On 08/18/2013 10:34 PM, KG4KGL wrote:

Well I wound my first coil yesterday eve. The finished product could be better, much better. The coil form is a ceramic one and the wire tends to slide up and down while winding. It does not help that I wound this with 22 ga wire. I think the smaller 26 or 30 gauge work better. Would covering the coil form with double sided tape hold the wire in place? How did they do this back in the day?

I am open to any suggestions to make this job easier.

Tnx,

Robert
KG4KGL

8101. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 00:03:45 UTC
From: Steve
Topic: 8088 Message: 8101
Attachments: 1 described; binary payloads are missing from this source WARC

>How did they do this back in the day?

Kind of humbling to know that there once was a time when any 12 year-old kid could have given us the answer :-)

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8102. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 00:08:09 UTC
From: Louis Vermond
Topic: 8088 Message: 8102
Attachments: 1 described; binary payloads are missing from this source WARC

Michael,

6. Wind the wire on the form by rolling the form toward you, with your fingers, (form held horizontally with wire on top of the form where you can see it) while keeping tension on the wire and slowly walking toward the door knob.

I would add one kink. As you turn the form hold it at an upward angle so the wire "walks into" the last turn. Makes for a closer winding. Lou

----- Original Message -----
From: Michael A. Bittner
To: AWAGroup@yahoogroups.com
Sent: 2013-08-19 7:52 PM
Subject: Re: [AWA Group] Winding coils

I use the "door knob method":
1. Calculate how much wire you will need from your spool of wire to wind the coil.
2. Tie the loose end of wire from your spool to a door knob.
3. Back away from the door knob while holding the spool and letting it unwind to the length of wire you calculated.
4. Add a little extra to the length of wire you calculated and cut the wire from the spool.
5. Attach the cut end of the wire to your coil form through a hole in the form leaving some extra wire for a pigtail connection, or;
solder the wire to a solder lug on your coil form, if it has one. This will be the start end of your coil winding.
6. Wind the wire on the form by rolling the form toward you, with your fingers, (form held horizontally with wire on top of the form where you can see it) while keeping tension on the wire and slowly walking toward the door knob.
7. When you reach the door knob, keep one finger held down on the wire so that the whole thing doesn't unravel when you cut the wire from the door knob.
8. Attach the finish end of the coil winding the same way you attached the start end.
DONE

FWIW, I've used this method for several crystal set coils wound on cardboard toilet paper tubes as well as other materials.
Mike, W6MAB
-
-
-
----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: Monday, August 19, 2013 4:16 PM
Subject: Re: [AWA Group] Winding coils

Robert,

That is my least favorite method of winding coils. Among other problems, for each turn you put on the coil, you are putting a 360 degree twist in the wire. This work hardens the wire to some extent and can produce "waves" in the wire, making it difficult to get turns to lay evenly, and potentially leading to the turns wanting to slip on the form more than they would otherwise.

The method suggested by Bill is better. On small coils I have had some success holding the form mostly with my left hand, rotating it while feeding the wire under tension through my right hand with my right thumb pressing against the coil form as I turn it. I have no idea how to describe this process so it makes any sense! Sorry.

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I am open to any suggestions to make this job easier.

Tnx,

Robert
KG4KGL

8103. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 00:29:03 UTC
From: KG4KGL
Topic: 8088 Message: 8103

Thanks all for the helpful hints. You are right my method made for plenty of waves in the windings.

Robert
KG4KGL

On Aug 19, 2013, at 20:08, Louis Vermond <ldvermond@...> wrote:

> Michael,
>
> 6. Wind the wire on the form by rolling the form toward you, with your fingers, (form held horizontally with wire on top of the form where you can see it) while keeping tension on the wire and slowly walking toward the door knob.
>
> I would add one kink. As you turn the form hold it at an upward angle so the wire "walks into" the last turn. Makes for a closer winding. Lou
>
>
> ----- Original Message -----
> From: Michael A. Bittner
> To: AWAGroup@yahoogroups.com
> Sent: 2013-08-19 7:52 PM
> Subject: Re: [AWA Group] Winding coils
>
>
> I use the "door knob method":
> 1. Calculate how much wire you will need from your spool of wire to wind the coil.
> 2. Tie the loose end of wire from your spool to a door knob.
> 3. Back away from the door knob while holding the spool and letting it unwind to the length of wire you calculated.
> 4. Add a little extra to the length of wire you calculated and cut the wire from the spool.
> 5. Attach the cut end of the wire to your coil form through a hole in the form leaving some extra wire for a pigtail connection, or;
> solder the wire to a solder lug on your coil form, if it has one. This will be the start end of your coil winding.
> 6. Wind the wire on the form by rolling the form toward you, with your fingers, (form held horizontally with wire on top of the form where you can see it) while keeping tension on the wire and slowly walking toward the door knob.
> 7. When you reach the door knob, keep one finger held down on the wire so that the whole thing doesn't unravel when you cut the wire from the door knob.
> 8. Attach the finish end of the coil winding the same way you attached the start end.
> DONE
>
> FWIW, I've used this method for several crystal set coils wound on cardboard toilet paper tubes as well as other materials.

> Mike, W6MAB
> -
> -
> -
> ----- Original Message -----
> From: N1BUG
> To: AWAGroup@yahoogroups.com
> Sent: Monday, August 19, 2013 4:16 PM
> Subject: Re: [AWA Group] Winding coils
>
>
> Robert,
>
> That is my least favorite method of winding coils. Among other problems, for each turn you put on the coil, you are putting a 360 degree twist in the wire. This work hardens the wire to some extent and can produce "waves" in the wire, making it difficult to get turns to lay evenly, and potentially leading to the turns wanting to slip on the form more than they would otherwise.
>
> The method suggested by Bill is better. On small coils I have had some success holding the form mostly with my left hand, rotating it while feeding the wire under tension through my right hand with my right thumb pressing against the coil form as I turn it. I have no idea how to describe this process so it makes any sense! Sorry.
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> I find coil winding much easier and results more satisfactory using a winder of some sort. For small coils you can buy winders on eBay and probably other places. For larger coils, it isn't too difficult to build your own. Here is one I made from bits of scrap wood and metal for winding 160 meter TNT coils last year. I clamped the base of this winder into a vise, turned the crank with my right hand while using my left hand (with leather glove) to feed the #10 wire under considerable tension. For your small gauge wire you would need to insert the actual coil form in the winder. For my coils of #10 wire I wound them on this 2" PVC form, then slid the turns off and slowly worked them onto the 3" bakelite form. Again, I am struggling to describe the process. It was written up somewhere in one of the old QSTs, I think.
>
> <coil-winder.jpg>
>
>
> On 08/18/2013 10:34 PM, KG4KGL wrote:
>> Well I wound my first coil yesterday eve. The finished product could be better, much better. The coil form is a ceramic one and the wire tends to slide up and down while winding. It does not help that I wound this with 22 ga wire. I think the smaller 26 or 30 gauge work better. Would covering the coil form with double sided tape hold the wire in place? How did they do this back in the day?
>>
>> I am open to any suggestions to make this job easier.
>>
>> Tnx,
>>
>> Robert

>> KG4KGL
>>
>
>

8104. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 01:56:23 UTC
From: Michael A. Bittner
Topic: 8088 Message: 8104

Yep, I left that out. Actually, holding the horizontal form with the winding end slightly closer to the door knob than the clear end accomplishes the same thing. But don't overdo the angle or you'll start winding wire over the top of the winding you've already wound.
Mike, W6MAB
-
-
-
----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Monday, August 19, 2013 5:08 PM
Subject: Re: [AWA Group] Winding coils

Michael,

6. Wind the wire on the form by rolling the form toward you, with your fingers, (form held horizontally with wire on top of the form where you can see it) while keeping tension on the wire and slowly walking toward the door knob.

I would add one kink. As you turn the form hold it at an upward angle so the wire "walks into" the last turn. Makes for a closer winding. Lou

----- Original Message -----
From: Michael A. Bittner
To: AWAGroup@yahoogroups.com
Sent: 2013-08-19 7:52 PM
Subject: Re: [AWA Group] Winding coils

I use the "door knob method":
1. Calculate how much wire you will need from your spool of wire to wind the coil.
2. Tie the loose end of wire from your spool to a door knob.
3. Back away from the door knob while holding the spool and letting it unwind to the length of wire you calculated.
4. Add a little extra to the length of wire you calculated and cut the wire from the spool.
5. Attach the cut end of the wire to your coil form through a hole in the form leaving some extra wire for a pigtail connection, or;
solder the wire to a solder lug on your coil form, if it has one. This will be the start end of your coil winding.
6. Wind the wire on the form by rolling the form toward you, with your fingers, (form held horizontally with wire on top of the form where you can see it) while keeping tension on the wire and slowly walking toward the door knob.
7. When you reach the door knob, keep one finger held down on the wire so that the whole thing doesn't unravel when you cut the wire from the door knob.
8. Attach the finish end of the coil winding the same way you attached the start end.
DONE

FWIW, I've used this method for several crystal set coils wound on cardboard toilet paper tubes as well as other materials.
Mike, W6MAB
-
-

8105. Re: [AWA Group] Yet another way to wind coils...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 02:09:05 UTC
From: Michael A. Bittner
Topic: 8098 Message: 8105
Attachments: 1 described; binary payloads are missing from this source WARC

Louis,
Perfect illustration of the door knob method! Obviously, anything that will anchor the finish-end of the wire can be substituted for the door knob.
Mike, W6MAB
-
-
-
----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Monday, August 19, 2013 4:47 PM
Subject: [AWA Group] Yet another way to wind coils...

8106. Re: [AWA Group] Yet another way to wind coils...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 10:08:42 UTC
From: N1BUG
Topic: 8098 Message: 8106

Obviously, anything that will anchor the finish-end of the wire can be substituted for the door knob.
Yup. I recall some article in QST 25 or 30 years ago suggested driving a nail in the living room floor to anchor that end of the wire! Hey, it works. I'm not saying how I know that. ;o)

73,
Bugsy

8107. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 12:14:27 UTC
From: Larry Szendrei
Topic: 8088 Message: 8107

On 8/19/13 7:16 PM, N1BUG wrote:
>
> *Robert,
>
> That is my least favorite method of winding coils. Among other
> problems, for each turn you put on the coil, you are putting a 360
> degree twist in the wire. This work hardens the wire to some extent
> and can produce "waves" in the wire, making it difficult to get turns
> to lay evenly, and potentially leading to the turns wanting to slip on
> the form more than they would otherwise.
> *
>
Yep.
>
> *
> The method suggested by Bill is better. On small coils I have had some
> success holding the form mostly with my left hand, rotating it while
> feeding the wire under tension through my right hand with my right
> thumb pressing against the coil form as I turn it. I have no idea how
> to describe this process so it makes any sense! Sorry.*
>
Yep, again. You described it perfectly, Paul. Done that many times. Sore
thumb when the job is complete ;-)
>
> *
> I find coil winding much easier and results more satisfactory using a
> winder of some sort. For small coils you can buy winders on eBay and
> probably other places. For larger coils, it isn't too difficult to
> build your own. Here is one I made from bits of scrap wood and metal
> for winding 160 meter TNT coils last year. I clamped the base of this
> winder into a vise, turned the crank with my right hand while using my
> left hand (with leather glove) to feed the #10 wire under considerable
> tension. For your small gauge wire you would need to insert the actual
> coil form in the winder. For my coils of #10 wire I wound them on this
> 2" PVC form, then slid the turns off and slowly worked them onto the
> 3" bakelite form. Again, I am struggling to describe the process. It
> was written up somewhere in one of the old QSTs, I think.*.
>
Your homebrew coil winder looks very much like ones I've cobbled
together over the years, as needed. Paul, what is that piece of hardware
you used to apply pressure to the square wood blocks that hold the ends
of the form? Is it a standard item in a hardware store?

Last fall I bought a commercial winder, with a turns counter, from a
Toronto seller (IIRC) that Eddy VE3CUI hooked me up with. I haven't had

the occasion to use it yet, though. I also need to figure out a good way to attach forms to it in situations where the shaft of the winder can't pass all the way through the form - like with plug-in coil forms, for example. Any ideas? (If I'd had a workable solution for this problem I probably would have used the winder by now.)

73,
-Larry/NE1S
>
>

8108. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 12:21:54 UTC
From: KG4KGL
Topic: 8088 Message: 8108

On Aug 20, 2013, at 8:14, Larry Szendrei <ne1s@...> wrote:
> Last fall I bought a commercial winder, with a turns counter, from a Toronto seller (IIRC) that Eddy VE3CUI hooked me up with. I haven't had the occasion to use it yet, though. I also need to figure out a good way to attach forms to it in situations where the shaft of the winder can't pass all the way through the form - like with plug-in coil forms, for example. Any ideas? (If I'd had a workable solution for this problem I probably would have used the winder by now.)
>

.-.---
>

I am looking at one of these on eBay as well, and that question popped into my head as well. One solution that comes to min is to mount an old matching socket to hold that end o the coil

Robert
KG4KGL

8109. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 12:24:28 UTC
From: Eddy Swynar
Topic: 8088 Message: 8109

On 2013-08-20, at 8:14 AM, Larry Szendrei wrote:
>
> Last fall I bought a commercial winder, with a turns counter, from a Toronto seller (IIRC) that Eddy VE3CUI hooked me up with. I haven't had the occasion to use it yet, though. I also need to figure out a good way to attach forms to it in situations where the shaft of the winder can't pass all the way through the form - like with plug-in coil forms, for example. Any ideas? (If I'd had a workable solution for this problem I probably would have used the winder by now.)
>

Hi Larry,

I was curious how you'd made out with that commercial coil winder...

Personally, I prefer the ol' door knob trick myself here, which someone else has already mentioned. Once the dimensions of the coil might be known to me by way of my trusty old ARRL "LIGHTNING CALCULATOR" slide rule, I secure the wire itself in place physically by way of holes in the coil form: I then apply at least two generous coats of clear nail varnish atop the wire...

Works like an absolute charm for me and has done so for some 40+ years now...

~73~ de Eddy VE3CUI - VE3XZ

8110. 861 Tubed Amplifier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 12:42:14 UTC
From: Eddy Swynar
Topic: 8110 Message: 8110

Hi Guys,

I guess this query is specifically directed to Paul (N1BUG)...?

Paul, I believe it was you who was in the process of building an RF power amplifier around an old 861 tube---if so, I'm curious how the project might be coming along by now. Do you plan to use it as strictly a low band amp, or will you make it a multi-band affair...? (I wonder how high in frequency that behemoth 861 might operate efficiently). Also, are you physically building it using 1929-style construction techniques, or are you adapting it to a more modern 2013 bypassing / shielding / etc. style...?

Not too many years ago I wanted to build a "modern" amplifier around an 861---I was even given one by John Rollins, who had it stashed away for years "...for future consideration." Well, when I received the jug I plugged the appropriate filament voltage into it & was absolutely delighted to see that ol' King Kong of vacuum tubes (that's what a period QST piece called it) light beautifully up...! But then, right before my eyes, a wisp of white smoke suddenly curled down from the top of the tube, & in a second or two, it had gone dark again...

What a sad disappointment, especially since 861's are so very rare anymore, and expensive o buy as "...pigs in a poke" (I understand that they are VERY prone to "leaking" over the decades).

In any event, Paul, I applaud your determination & your efforts, & sure would like to be kept abreast of your progress in making that "dream" amplifier! Do you have any jpegs of it "...in progress" that you'd like to share at any time...?

~73~ de Eddy VE3CUI - VE3XZ

8111. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 14:17:41 UTC
From: KG4KGL
Topic: 8088 Message: 8111

As in ladies nail varnish?

Robert
KG4KGL

On Aug 20, 2013, at 8:24, Eddy Swynar <deswynar@...> wrote:

>
> On 2013-08-20, at 8:14 AM, Larry Szendrei wrote:
>>
>> Last fall I bought a commercial winder, with a turns counter, from a Toronto seller (IIRC) that Eddy VE3CUI hooked me up with. I haven't had the occasion to use it yet, though. I also need to figure out a good way to attach forms to it in situations where the shaft of the winder can't pass all the way through the form - like with plug-in coil forms, for example. Any ideas? (If I'd had a workable solution for this problem I probably would have used the winder by now.)
>
>
> Hi Larry,
>
> I was curious how you'd made out with that commercial coil winder...
>
> Personally, I prefer the ol' door knob trick myself here, which someone else has already mentioned. Once the dimensions of the coil might be known to me by way of my trusty old ARRL "LIGHTNING CALCULATOR" slide rule, I secure the wire itself in place physically by way of holes in the coil form: I then apply at least two generous coats of clear nail varnish atop the wire...
>
> Works like an absolute charm for me and has done so for some 40+ years now...
>
> ~73~ de Eddy VE3CUI - VE3XZ
>

8112. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 14:22:38 UTC
From: N1BUG
Topic: 8088 Message: 8112

On 08/20/2013 08:14 AM, Larry Szendrei wrote:

Paul, what is that piece of hardware you used to apply pressure to the square wood blocks that hold the ends of the form? Is it a standard item in a hardware store?

*Larry, it's not a standard item. Those are machined aluminum disks my brother scavenged from a former workplace. But any sufficiently rigid piece of metal should do nicely. It needn't be round. I used those because I had them laying around and they already had a hole in the center. As you can probably tell, this was an afternoon project... as in "I want my coils today... Hmm, how am I going to wind them?" :-)

73,
Paul*

8113. Re: [AWA Group] 861 Tubed Amplifier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 14:26:46 UTC
From: N1BUG
Topic: 8110 Message: 8113

Paul, I believe it was you who was in the process of building an RF power amplifier around an old 861 tube

Sorry Eddy, it wasn't me. Not even in my wildest dreams have I been able to imagine acquiring such a bottle. :-) I believe Jon, AB9ZG is working on a project involving an 861.

I had plans to build two stages using its much smaller brethren, the 865 and 860. However those plans have been scratched.

73,
Paul N1BUG

8114. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 14:27:46 UTC
From: Roger Kuchera
Topic: 8088 Message: 8114

My 2 cents:
    You can use an appropriate socket on the pin end and a conical wooden plug in the open end
of the coil form. You will need to turn the plug on a wood lathe; one size should fit several
different diameters. Figuring out how to maintain a firm clamp may require thought though.

CUL, Roger/K1TG

From: KG4KGL <kg4kgl@...>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Tuesday, August 20, 2013 8:21 AM
Subject: Re: [AWA Group] Winding coils

On Aug 20, 2013, at 8:14, Larry Szendrei <ne1s@...> wrote:

>
Last fall I bought a commercial winder, with a turns counter, from a Toronto seller (IIRC) that Eddy VE3CUI hooked me up with. I haven't had the occasion to use it yet, though. I also need to figure out a good way to attach forms to it in situations where the shaft of the winder can't pass all the way through the form - like with plug-in coil forms, for example. Any ideas? (If I'd had a workable solution for this problem I probably would have used the winder by now.)
>
>
·_'___

>

I am looking at one of these on eBay as well, and that question popped into my head as well. One solution that comes to min is to mount an old matching socket to hold that end o the coil

Robert
KG4KGL

8115. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 14:42:47 UTC
From: Larry Szendrei
Topic: 8088 Message: 8115

On 8/20/13 10:27 AM, Roger Kuchera wrote:
> My 2 cents:
> You can use an appropriate socket on the pin end and a conical
> wooden plug in the open end
> of the coil form. You will need to turn the plug on a wood lathe; one
> size should fit several
> different diameters. Figuring out how to maintain a firm clamp may
> require thought though.
>
Good idea, Roger; I can visualize what you are describing, but it is
probably beyond my skill level to build, and I don't have a wood lathe
or any bench tools beyond a cheap drill press.

73,
-Larry/NE1S

8116. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 15:01:24 UTC
From: Roger Kuchera
Topic: 8088 Message: 8116

Hi Larry,
I have an Asian import drill press (10") and I have used it as a router, end mill and in
several other modes....even as a drill press! :) :)

You may be able to use a piece of wooden closet pole and whittle it to size. Also you might be able to saw a piece of pole in half and then using a large wood screw, wedge the two pieces against the inside of the coil form. At the slow speed of hand winding, any imbalance won't matter. Remember, that necessity is the mother of invention.

Roger.

From: Larry Szendrei <ne1s@securespeed.us>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, August 20, 2013 10:42 AM
Subject: Re: [AWA Group] Winding coils

On 8/20/13 10:27 AM, Roger Kuchera wrote:

>My 2 cents:
> You can use an appropriate socket on the pin end and a conical wooden plug in the open end
>of the coil form. You will need to turn the plug on a wood lathe; one size should fit several
>different diameters. Figuring out how to maintain a firm clamp may require thought though.
>
>
Good idea, Roger; I can visualize what you are describing, but it is probably beyond my skill level to build, and I don't have a wood lathe or any bench tools beyond a cheap drill press.

73,
-Larry/NE1S

8117. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 15:47:05 UTC
From: Eddy Swynar
Topic: 8088 Message: 8117

On 2013-08-20, at 10:17 AM, KG4KGL wrote:

>
> As in ladies nail varnish?

Yes, Robert, exactly---and the cheaper the polish, the better, too!

I recall when I first used that stuff it had a hauntingly familiar odour to it, just like the old "Q-Dope" of old. Works great, too...

~73~ de Eddy VE3CUI - VE3XZ

8118. Re: [AWA Group] 861 Tubed Amplifier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 15:48:42 UTC
From: Eddy Swynar
Topic: 8110 Message: 8118

On 2013-08-20, at 10:26 AM, N1BUG wrote:

> Paul, I believe it was you who was in the process of building an RF power amplifier around an old 861 tube
>
> Sorry Eddy, it wasn't me. Not even in my wildest dreams have I been able to imagine acquiring such a bottle. :-) I believe Jon, AB9ZG is working on a project involving an 861.
>
> I had plans to build two stages using its much smaller brethren, the 865 and 860. However those plans have been scratched.
>
>

Hi Paul,

Yes, I guess you're correct---I should re-direct my query to Jon, instead! Hi Hi

Still an intriguing project, bar none...

~73~ de Eddy VE3CUI - VE3XZ

8119. Ad nauseum - Coil winding

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 17:16:45 UTC
From: Roger Kuchera
Topic: 8119 Message: 8119

2 cents worth,

I have had excellent luck using the clear type finger nail polish (aka Top Coat). The lady at the WalMart checkout gives me a strange look when I buy the stuff though. Use with lots of fresh air, this stuff will set you free!

There is another coil dope that is homemade using Styrofoam cups but it quite flammable, dangerous and toxic. I won't give the ingredients!!!!

Roger.

8120. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 17:17:46 UTC
From: Leonard Meek
Topic: 8088 Message: 8120

Larry, I did that on my small coil winder. Work fine, last a long time. I'll try to post a pic. I also have a big coil winder with a counter and a one way clutch to hold the tension while making taps, etc.

Leonard

----- Original Message -----
From: KG4KGL
To: AWAGroup@yahoogroups.com
Sent: Tuesday, August 20, 2013 2:21 AM
Subject: Re: [AWA Group] Winding coils

On Aug 20, 2013, at 8:14, Larry Szendrei <ne1s@...> wrote:

Last fall I bought a commercial winder, with a turns counter, from a Toronto seller (IIRC) that Eddy VE3CUI hooked me up with. I haven't had the occasion to use it yet, though. I also need to figure out a good way to attach forms to it in situations where the shaft of the winder can't pass all the way through the form - like with plug-in coil forms, for example. Any ideas? (If I'd had a workable solution for this problem I probably would have used the winder by now.)

·_,___

I am looking at one of these on eBay as well, and that question popped into my head as well. One solution that comes to min is to mount an old matching socket to hold that end o the coil

Robert
KG4KGL

8121. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 17:29:54 UTC
From: Leonard Meek
Topic: 8088 Message: 8121

You don't really need a wood lathe to make simple turnings. I've used my electric drill to spin a peice of wood while working it with various cutting tools. I turned 5" diameter conical plugs for my big coil winder using my 1/2" drill clamped in my bench vise and shaping the peices out of 2X6 chunks of wood with my skill saw. This probably takes more guts than brains.

Leonard

----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: Tuesday, August 20, 2013 4:27 AM
Subject: Re: [AWA Group] Winding coils

My 2 cents:
You can use an appropriate socket on the pin end and a conical wooden plug in the open end of the coil form. You will need to turn the plug on a wood lathe; one size should fit several
different diameters. Figuring out how to maintain a firm clamp may require thought though.

CUL, Roger/K1TG

From: KG4KGL <kg4kgl@gmail.com>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Tuesday, August 20, 2013 8:21 AM
Subject: Re: [AWA Group] Winding coils

On Aug 20, 2013, at 8:14, Larry Szendrei <ne1s@...> wrote:

Last fall I bought a commercial winder, with a turns counter, from a Toronto seller (IIRC) that Eddy VE3CUI hooked me up with. I haven't had the occasion to use it yet, though. I also need to figure out a good way to attach forms to it in situations where the shaft of the winder can't pass all the way through the form - like with plug-in coil forms, for example. Any ideas? (If I'd had a workable solution for this problem I probably would have used the winder by now.)

·_,___

I am looking at one of these on eBay as well, and that question popped into my head as well. One solution that comes to min is to mount an old matching socket to hold that end o the coil

Robert
KG4KGL

8122. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 18:03:30 UTC
From: N1BUG
Topic: 8088 Message: 8122

I turned 5" diameter conical plugs for my big coil winder using my 1/2" drill clamped in my bench vise and shaping the peices out of 2X6 chunks of wood with my skill saw. This probably takes more guts than brains.

Sounds good, but I would probably use a chain saw! I've been known to custom shape a few pieces of wood with one, just didn't have the wood rotating. :-)

73,
Paul

8123. Re: [AWA Group] 861 Tubed Amplifier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 18:05:34 UTC
From: ab9zg@ymail.com
Topic: 8110 Message: 8123

Eddy,

I plan to make the transmitter in the 1929 style. If I was making one in the modern style, I would use a 2000T!

Since I live in the city, I plan is to use it on 80 through 20 meters. That is why I chose the 861 in the first place, because it was the only high powered tube available to the ham in 1929 that was specifically designed for the shortwave. Now if I lived in the country, I would put up a 160M antenna and use a pair of 851's and be done with it.

I started the project 1.5 years ago and am no where near completion. At first I bread-boarded an amplifier, but my power supply wasn't up to the task, the double-spaced National DX plate tuning capacitor wanted to arc, and besides my dummy load was too small. So I wasn't able to get much data and scrapped it.

I suspect that the 861 may not be that great as a class B amplifier. Judging by its characteristic curves, the 861 has rather substantial secondary emission effects, enough to hurt is efficiency. I believe that the 33% efficiency in class B shown in the data sheet is substantially too optimistic.

Since I do not know how well the 861 will work in different types of service, I am building the power supply for the transmitter to be universal enough for a variety of different applications. It will put out 2500v, 3000v, or 3500v at up to 1A.

The following configurations will be tried in this order and I will use the first one that gives reasonable performance:

1. Class C push-pull screen modulation. This one is best since it should give slightly higher efficiency than a class B linear, it requires no regulation of screen and grid supply, and is easy to switch to CW operation. It is also believed to be 1929-compatible.

2. Class B push-pull linear amplifier.

3. Class C P-P 861's with class B P-P 849's as plate modulators. This method would give enormous power but was not invented until 1931. A 700w modulation transformer would have to be wound. Heising modulating class C 861's was also considered, but was rejected due to the enormous amount of heat that would be released.

4. Class B linear using 849's instead of 861's. I bought a pair of 849's to use as backup in case my 861's are bad.

Here is the tentative schematic for the screen modulated prototype I'm currently building:
Here is what the prototype looks like so far:

The tubes, along with a huge 1929 Cardwell split-stator condenser rated at 7500 volts per section
Another picture of the Cardwell. That is a 1.5" shaft to which the plates are attached.

8124. Re: [AWA Group] 861 Tubed Amplifier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 18:57:46 UTC
From: Larry Szendrei
Topic: 8110 Message: 8124

Hi Jon,

Your prototypes look better than my final products! :-(

I wonder if you have considered control grid modulation? It's my understanding it's an older technique than screen-grid modulation, and would definitely have been used in 1929. It has a RFPA plate efficiency similar to any other of the so-called "efficiency modulation" techniques, including linear amplification of an AM signal.

About the only AM technique I've never tried is suppressor grid modulation, and some of the more esoteric ones like the Doherty (sp?) method. Oh, and digital AM ;-)

73,
-Larry/NE1S

8125. Re: [AWA Group] Winding coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 19:13:33 UTC
From: Leonard Meek
Topic: 8088 Message: 8125

Paul, I just posted some pics of my winders in the Photo section. I'm not sure how a chain saw would do. I think you would need something faster to avoid grabbing. I used my Skillsaw and drill to successfully turn a 6X6 chunk of white cedar for a clock case, but even then there was a slight tendancy for the saw to grab the wood.

Leonard

----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: Tuesday, August 20, 2013 8:03 AM
Subject: Re: [AWA Group] Winding coils

I turned 5" diameter conical plugs for my big coil winder using my 1/2" drill clamped in my bench vise and shaping the peices out of 2X6 chunks of wood with my skill saw. This probably takes more guts than brains.

Sounds good, but I would probably use a chain saw! I've been known to custom shape a few pieces of wood with one, just didn't have the wood rotating. :-)

73,
Paul

8126. Re: [AWA Group] Ad nauseum - Coil winding

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 21:52:21 UTC
From: Ron Barlow
Topic: 8119 Message: 8126

1 cent worth,
 I am not certain of this, due to my terrible excuse for a memory (never was good, and rapidly headed in the wrong direction), but I believe that I've read that finger nail polish, used as described, can cause an appreciable increase in inductor loss. I don't recall the source of this info, but the writer compared inductor Q, before and after the nail polish application. He repeated the test, using "Q" dope, with superior results, for the latter.
disclaimer: Again, all of this is "IIRC"!!
                                        73 de Ron n4gjv

From: Roger Kuchera <rwkuchera@...>
To: AWA <AWAgroup@yahoogroups.com>
Sent: Tuesday, August 20, 2013 1:16 PM
Subject: [AWA Group] Ad nauseum - Coil winding

2 cents worth,
     I have had excellent luck using the clear type finger nail polish (aka Top Coat). The lady at the WalMart checkout gives me a strange look when I buy the stuff though. Use with lots of fresh air, this stuff will set you free!

     There is another coil dope that is homemade using Styrofoam cups but it quite flammable, dangerous and toxic. I won't give the ingredients!!!!

Roger.

8127. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 22:01:56 UTC
From: Ron Barlow
Topic: 8039 Message: 8127

Wow!!!! My vocabulary doesn't include the adjectives that would truly do justice to your incredibly awesomel creation!
I don't recall previously being aware of this particular design, and I was immediately prompted to dig out the original article, ASAP, so that I could read it.
Unfortunately, I missed the previously posting, that desribed the power supply, or perhaps my seriously bad memory prevents me from remembering it.
I will be looking forward to your postings, re the performance observations!
73 de Ron

From: "ab9zg@..." <ab9zg@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, August 12, 2013 11:20 PM
Subject: [AWA Group] Ross Hull Superhet finally finished

Finally, my version of the Ross Hull Superhet has been completed.To the best of my knowledge, all components used were available in 1929. I held closely to Hull's schematic, but incorporated some of the improvements mentioned in later articles (using a UX-210 as the detector was not one of those I used!). I also didn't bother including the BCB feature.Some changes in the layout were necessary to fit the particular parts I found, which weren't always as compact as the ones Hull used. Like Hull, I used flexible wiring rather than bus wiring. But I did not like the idea of plunging the battery leads through the baseboard to the underside, so I neatly bundled them in the style sometimes seen in W.E. and S.M. gear made back then. The front panel is made of glossy Bakelite purchased from Norva Plastics. The base is cherry and the stage shields are made of .050" aluminum etched with sodium hydroxide.Performance observations will come after I make some tweaks to the plugin coils and find a better source of filament power than AA batteries.I also built a companion B+/C- supply using a UX-213 tube, which I posted here previously.

8128. Re: [AWA Group] Ad nauseum - Coil winding

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 22:23:30 UTC
From: Leonard Meek
Topic: 8119 Message: 8128

As far as Q Dope being hazzardous, a lot of household chemicals are hazzardous, to say nothing of illegal, immoral, and fattening. I would put them in the same category as AC/DC radios, which are harmless until you take them into the bath with you. I make my own "Q Dope" with stuff I have around the house, by dissolving styrofoam popcorn in MEK and adding a little xylol. I used to use toluene but apparently it's been outlawed. Of course, I don't keep any of this stuff in the house, any more than I would store gasoline for the mower in the house. Anyhow, there's no kids at my house and my wife rarely sets foot in my workshop.

Leonard
----- Original Message -----
From: Ron Barlow
To: AWAGroup@yahoogroups.com
Sent: Tuesday, August 20, 2013 11:52 AM
Subject: Re: [AWA Group] Ad nauseum - Coil winding

1 cent worth,
I am not certain of this, due to my terrible excuse for a memory (never was good, and rapidly headed in the wrong direction), but I believe that I've read that finger nail polish, used as described, can cause an appreciable increase in inductor loss. I don't recall the source of this info, but the writer compared inductor Q, before and after the nail polish application. He repeated the test, using "Q" dope, with superior results, for the latter.
disclaimer: Again, all of this is "IIRC"!!
73 de Ron n4gjv

From: Roger Kuchera <rwkuchera@...>
To: AWA <AWAgroup@yahoogroups.com>
Sent: Tuesday, August 20, 2013 1:16 PM
Subject: [AWA Group] Ad nauseum - Coil winding

2 cents worth,
I have had excellent luck using the clear type finger nail polish
(aka Top Coat). The lady at the WalMart checkout gives me a strange
look when I buy the stuff though. Use with lots of fresh air, this
stuff will set you free!

There is another coil dope that is homemade using Styrofoam cups
but it quite flammable, dangerous and toxic. I won't give the
ingredients!!!!

Roger.

8129. How to Talk to Non-Hams By Fred Ebel, W9PXA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-20 22:49:26 UTC
From: Louis Vermond
Topic: 8129 Message: 8129

http://www.rfcafe.com/references/popular-electronics/how-to-talk-to-non-hams-nov-1961-popular-electronics.htm

8130. Re: [AWA Group] 861 Tubed Amplifier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-21 00:19:55 UTC
From: Jon Delventhal
Topic: 8110 Message: 8130

Larry,

I did consider control grid modulation, but I read that it made the excitation level to the PA much more critical and that it gave poor sound quality. It does seem that it was one of the first forms of modulation, and certainly better than absorption modulation.

Interestingly, "screen" grid modulation actually predated the screen grid tube! Here is a patent from 1915 for a system that works the same as screen grid modulation and uses a special dual grid tube:

https://www.google.com/patents?id=N5ZUAAAAEBAJ&pg=PA1&dq=1,199,180&source=gbs_selected_pages&cad=1#v=onepage&q&f=false

I settled on screen modulation for the initial prototype since the only schematic in QST that I could find for an 861 'phone transmitter used screen modulation. He used a pair of 845's to modulate a single 861, but I am planning on a pair of 50's per 861 since both the 845 and the 50 have similar plate resistances and only 500V p-p would be needed to modulate the screen, which should be obtainable from a 50. Of course a cathode follower would be best, but I have never seen them used in AF circuits in 1929.

Jon

From: Larry Szendrei <ne1s@securespeed.us>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, August 20, 2013 1:57 PM
Subject: Re: [AWA Group] 861 Tubed Amplifier

Hi Jon,

Your prototypes look better than my final products! :-(

I wonder if you have considered control grid modulation? It's my understanding it's an older technique than screen-grid modulation, and would definitely have been used in 1929. It has a RFPA plate efficiency similar to any other of the so-called "efficiency modulation" techniques, including linear amplification of an AM signal.

About the only AM technique I've never tried is suppressor grid modulation, and some of the more esoteric ones like the Doherty (sp?) method. Oh, and digital AM ;-)

73,
-Larry/NE1S

8131. Re: [AWA Group] Ross Hull Superhet finally finished

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-21 00:26:29 UTC
From: Jon Delventhal
Topic: 8039 Message: 8131

Ron,

Glad you liked it.

There really isn't much to the power supply. It uses a Silver Marshall transformer, choke and condenser bank, a UX-213 tube with thoriated tungsten filaments, and an Electrad voltage divider which gives the various B+ and C- voltages.

Performance observations to come shortly. Its working very well but I still need to do a few more comparisons.

Jon

From: Ron Barlow <imalowfer@yahoo.com>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Tuesday, August 20, 2013 5:01 PM
Subject: Re: [AWA Group] Ross Hull Superhet finally finished

Wow!!!! My vocabulary doesn't include the adjectives that would truly do justice to your incredibly awesomel creation!
 I don't recall previously being aware of this particular design, and I was immediately prompted to dig out the original article, ASAP, so that I could read it.
 Unfortunately, I missed the previously posting, that desribed the power supply, or perhaps my seriously bad memory prevents me from remembering it.
 I will be looking forward to your postings, re the performance observations!
73 de Ron

From: "ab9zg@..." <ab9zg@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, August 12, 2013 11:20 PM
Subject: [AWA Group] Ross Hull Superhet finally finished

Finally, my version of the Ross Hull Superhet has been completed. To the best of my knowledge, all components used were available in 1929. I held closely to Hull's schematic, but incorporated some of the improvements mentioned in later articles (using a UX-210 as the detector was not one of those I used!). I also didn't bother including the BCB feature. Some changes in the layout were necessary to fit the particular parts I found, which weren't always as compact as the ones Hull used. Like Hull, I used flexible wiring rather than bus wiring. But I did not like the idea of plunging the battery leads through the baseboard to the underside, so I neatly bundled them in the style sometimes seen in W.E. and S.M. gear made back then. The front panel is made of glossy Bakelite purchased from Norva Plastics. The base is cherry and the stage shields are made of .050" aluminum etched with sodium hydroxide. Performance observations will come after I make some tweaks to the plugin coils and find a better source of filament power than AA batteries. I also built a companion B+/C- supply using a UX-213 tube, which I posted here previously.

8132. Re: [AWA Group] 861 Tubed Amplifier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-21 11:45:52 UTC
From: Larry Szendrei
Topic: 8110 Message: 8132

On 8/20/13 8:19 PM, Jon Delventhal wrote:
> Larry,
>
> I did consider control grid modulation, but I read that it made the
> excitation level to the PA much more critical and that it gave poor
> sound quality. It does seem that it was one of the first forms of
> modulation, and certainly better than absorption modulation.
My only experience with control-grid modulation was building a circuit
similar to "The Simplest Modulator" described in the 1956 ARRL handbook,
as well, as, I think, other editions as well as QST. Wanting to try it
with older stuff, I adapted an audio amplifier I had built in college,
rewiring the PP 45s in parallel, and used it to modulate an 807 PA, with
the parallel 45 plates connected directly to the 807 cathode. It ran
about 30W PEP, 7 W of carrier, and I used it for AWA "30s night" one
year (and got the highest score, too!). I remember talking to Bill K4JYS
on 40M, as well as several of the western NY AWA guys on 75M, during
that event. The audio quality of that set-up was pretty decent.
>
> Interestingly, "screen" grid modulation actually predated the screen
> grid tube! Here is a patent from 1915 for a system that works the same
> as screen grid modulation and uses a special dual grid tube:
>
> https://www.google.com/patents?id=N5ZUAAAAEBAJ&pg=PA1&dq=1,199,180&source=gbs_selected_p
ages&cad=1#v=onepage&q&f=false
>
Ray Heising! I wonder what he used for a tube? An available product, or
something experimental from the lab at AT&T?
> I settled on screen modulation for the initial prototype since the
> only schematic in QST that I could find for an 861 'phone transmitter
> used screen modulation. He used a pair of 845's to modulate a single
> 861, but I am planning on a pair of 50's per 861 since both the 845
> and the 50 have similar plate resistances and only 500V p-p would be
> needed to modulate the screen, which should be obtainable from a 50.
> Of course a cathode follower would be best, but I have never seen them
> used in AF circuits in 1929.
Will there be a transformer between the 50s and the 861 screen? There
would need to be, I think, if the 50s are run in PP. If run in parallel
you might be able to use a choke or resistor in the plate circuit, but
it may be a problem developing the 500V p-p you mentioned without a
step-up. Could you point us to the QST article?

73,
-Larry/NE1S

8133. Re: [AWA Group] 861 Tubed Amplifier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-21 18:46:25 UTC
From: Eddy Swynar
Topic: 8110 Message: 8133

Hi Jon,

Absolutely wonderful...!

What a great & unique project, and on SO many fronts, too...

First-off, I always considered a single-ended 861 rig to be the "...ne plus ultra" in the 1929 radio world---but to have TWO of them side-by-side like that is just incredible. What an ambitious undertaking...and those four UX-250s in parallel are certainly nothing to sneeze at, either (I remember seeing them sell at near second mortgage levels years ago!).

I hope you have plans to document your work, Jon, & to submit a write-up to Marc Ellis whenever you feel the project might be completed, for publication in THE AWA JOURNAL, so that we all might enjoy the fruits of your considerable labour. While those of us who may attempt such a task are, without a doubt, VERY few & far between, we can all dream, certainly, & celebrate in your success & skill as a master craftsman in "...things OT". I know that I personally follow such developments with great personal interest, & I know that others here do, as well...

EXCELLENT work to date, one that is destined to be a resounding success upon its completion, I am MORE than sure. Many thanks for sharing to date...

~73!~ de Eddy VE3CUI - VE3XZ

On 2013-08-20, at 2:05 PM, ab9zg@... wrote:

> Eddy,
>
> I plan to make the transmitter in the 1929 style. If I was making one in the modern style, I would use a 2000T!
>
> Since I live in the city, I plan is to use it on 80 through 20 meters. That is why I chose the 861 in the first place, because it was the only high powered tube available to the ham in 1929 that was specifically designed for the shortwave. Now if I lived in the country, I would put up a 160M antenna and use a pair of 851's and be done with it.
>
> I started the project 1.5 years ago and am no where near completion. At first I bread-boarded an amplifier, but my power supply wasn't up to the task, the double-spaced National DX plate tuning capacitor wanted to arc, and besides my dummy load was too small. So I wasn't able to get much data and scrapped it.
>
> I suspect that the 861 may not be that great as a class B amplifier. Judging by its characteristic curves, the 861 has rather substantial secondary emission effects, enough to hurt is efficiency. I believe that the 33% efficiency in class B shown in the data sheet is substantially too optimistic.
>
> Since I do not know how well the 861 will work in different types of service, I am

building the power supply for the transmitter to be universal enough for a variety of different applications. It will put out 2500v, 3000v, or 3500v at up to 1A.
>
> The following configurations will be tried in this order and I will use the first one that gives reasonable performance:
>
> 1. Class C push-pull screen modulation. This one is best since it should give slightly higher efficiency than a class B linear, it requires no regulation of screen and grid supply, and is easy to switch to CW operation. It is also believed to be 1929-compatible.
>
> 2. Class B push-pull linear amplifier.
>
> 3. Class C P-P 861's with class B P-P 849's as plate modulators. This method would give enormous power but was not invented until 1931. A 700w modulation transformer would have to be wound. Heising modulating class C 861's was also considered, but was rejected due to the enormous amount of heat that would be released.
>
> 4. Class B linear using 849's instead of 861's. I bought a pair of 849's to use as backup in case my 861's are bad.
>
> Here is the tentative schematic for the screen modulated prototype I'm currently building:
> Here is what the prototype looks like so far:
>
> The tubes, along with a huge 1929 Cardwell split-stator condenser rated at 7500 volts per section
> Another picture of the Cardwell. That is a 1.5" shaft to which the plates are attached.
>
>
>

8134. NC-101X Transformer QRT at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-22 11:55:29 UTC
From: Louis Vermond
Topic: 8134 Message: 8134
Attachments: 1 described; binary payloads are missing from this source WARC

As some here know, my NC-101X's power transformer went QRT months ago for reasons TBD. There are two options to fix the problem, have the transformer rewound ($!!) or find an off-the-shelf replacement. To do the latter I needed of course to know what the high voltages was. I recalled that Niel, W0VLZ had a 101 so I contacted him with my inquiry. Niel forwarded my letter on to Paul, W9AC. Paul's reply is shown below. As you'll read, Paul's letter goes well beyond voltage reading. Tks agn, Paul and Niel.

Soon after Niel and I received Paul's letter, Niel wrote that he had a "junquer" 101X and would check the transformer voltages to see if it was OK. A day later came the report that all was well followed by three of the kindest words in the ham vocabulary, "Yours for shipping."

73, Lou
VE3AWA

All measurements taken with 110VAC at the AC line input. Voltages measured in the operate position, under normal load. Measurements are taken against the power transformer center tap as the CT return is NOT chassis ground referenced. I believe this was accomplished to easily effectuate AVC operation. Maybe Neil knows more about this.

B+ at the cathode of the #80 rectifier: +384V
B+ after L3: +350V

AC voltage on either side of the HV CT is exactly balanced at 398VAC.

My only issue with this 101X is that hum modulation can horrendous on 20m-10m depending on the 6K7 used for the HFO. Hum modulation manifests as "fuzzy' sounding CW. I can try a dozen tubes and maybe one in ten produces little or no hum modulation. 160m-40m is always fine.

Other 101X owners report no hum modulation. I'm now beginning to suspect high-resistance on the grounding rivets and that changes in the 6K7 are masking the root problem. I have otherwise completely examined every part of the HFO circuit. I found a write-up in the 1946 issue of the ARRL Handbook that explains the Hartley's susceptibility to hum modulation above 20m, presumably because the cathode is not at ground reference:

The High-Frequency Oscillator
ARRL Handbook 1946

"...The point at which output voltage is taken for the mixer is indicated in each case by X or Y. Circuits A and B will give about the same results, and require only one coil. However, in these two circuits the cathode is above ground potential for RF, which often is a cause of hum modulation of the oscillator output at 14 MHz and higher frequencies when 6.3-volt heater tubes are used. Hum usually is not bothersome with 2.5-volt

tubes, nor, of course, with tubes which are heated by direct current.

The circuit of Fig. 723-C overcomes hum, since the cathode is grounded. The two-coil arrangement is advantageous in construction, since the feedback adjustment (altering the number of turns on L2 or the coupling between L1 and L2) is simple mechanically.

Paul, W9AC

8135. Re: [AWA Group] 861 Tubed Amplifier

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-22 13:03:59 UTC
From: Jon Delventhal
Topic: 8110 Message: 8135

The article was in the September 1931 QST.
I was planning to run all four 50's in parallel with a choke in the plate circuit. It occurs to me that more than 500V p-p could be needed, since the 861's won't necessarily be cutoff when the screen grid is at 0V.

From: Larry Szendrei <ne1s@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, August 21, 2013 6:45 AM
Subject: Re: [AWA Group] 861 Tubed Amplifier

On 8/20/13 8:19 PM, Jon Delventhal wrote:

>Larry,
>
>I did consider control grid modulation, but I read that it
made the excitation level to the PA much more critical and
that it gave poor sound quality. It does seem that it was
one of the first forms of modulation, and certainly better
than absorption modulation.
>
My only experience with control-grid modulation was building a circuit similar to "The Simplest Modulator" described in the 1956 ARRL handbook, as well, as, I think, other editions as well as QST. Wanting to try it with older stuff, I adapted an audio amplifier I had built in college, rewiring the PP 45s in parallel, and used it to modulate an 807 PA, with the parallel 45 plates connected directly to the 807 cathode. It ran about 30W PEP, 7 W of carrier, and I used it for AWA "30s night" one year (and got the highest score, too!). I remember talking to Bill K4JYS on 40M, as well as several of the western NY AWA guys on 75M, during that event. The audio quality of that set-up was pretty decent.

>Interestingly, "screen" grid modulation actually predated
the screen grid tube! Here is a patent from 1915 for a
system that works the same as screen grid modulation and
uses a special dual grid tube:
>
>https://www.google.com/patents?id=N5ZUAAAAEBAJ&pg=PA1&dq=1,199,180&source=gbs_selected_pa
ges&cad=1#v=onepage&q&f=false
>
>
Ray Heising! I wonder what he used for a tube? An available product, or something experimental from the lab at AT&T?

I settled on screen modulation for the initial prototype since the only schematic in QST that I could find for an 861 'phone transmitter used screen modulation. He used a pair of 845's to modulate a single 861, but I am planning on a pair of 50's per 861 since both the 845 and the 50 have similar plate resistances and only 500V p-p would be needed to modulate

the screen, which should be obtainable from a 50. Of course a cathode follower would be best, but I have never seen them used in AF circuits in 1929.
>
Will there be a transformer between the 50s and the 861 screen? There would need to be, I think, if the 50s are run in PP. If run in parallel you might be able to use a choke or resistor in the plate circuit, but it may be a problem developing the 500V p-p you mentioned without a step-up. Could you point us to the QST article?

73,
-Larry/NE1S

8136. Mystery TX circuit? Unity coupled

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-22 14:19:07 UTC
From: Roger Kuchera
Topic: 8136 Message: 8136
Attachments: 2 described; binary payloads are missing from this source WARC

Gentlemen,

Sorry for the late response re: the "Mystery" TX circuit. Please find attached several JPEGs of a Unity couple TX I built. It appeared in the ARRL 1933 Handbook. Mechanically, it was the toughest piece of work I have ever done!

In this configuration hand capacity is a Major problem.

If anyone is interested in additional pictures and/or commentary I'll be glad to forward said info.

CUL, Roger/K1TG

8137. Re: [AWA Group] Mystery TX circuit? Unity coupled

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-22 15:54:42 UTC
From: Andy UU1CC
Topic: 8136 Message: 8137

Thank you, Roger. I especially like the way you organized that two floor construction - so ingenious! Do you have a photo with more monotone background?

On 08/22/2013 02:19 PM, Roger Kuchera wrote:
> Gentlemen,
> Sorry for the late response re: the "Mystery" TX circuit. Please
> find attached several JPEGs of a Unity couple TX I built. It appeared
> in the ARRL 1933 Handbook. Mechanically, it was the toughest piece of
> work I have ever done!
>
> In this configuration hand capacity is a Major problem.
>
> If anyone is interested in additional pictures and/or commentary
> I'll be glad to forward said info.

--
73! Andy UU1CC

8138. Re: [AWA Group] Mystery TX circuit? Unity coupled

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-22 17:40:08 UTC
From: Louis Vermond
Topic: 8136 Message: 8138

If anyone is interested in additional pictures and/or commentary, I'll be glad to forward said info.

Yes... Lou

8139. Re: [AWA Group] Mystery TX circuit? Unity coupled

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-22 18:50:53 UTC
From: Roger Kuchera
Topic: 8136 Message: 8139

Hi Andy,
     Steve/VE7SL asked the same question. Not as yet, At some point I will get back to it, I'll even pop in the matched 245s and have it under a head of steam.

CUL, Roger/K1TG

----- Original Message -----
From: Andy UU1CC <uu1cc@...>
To: AWAGroup@yahoogroups.com
Cc:
Sent: Thursday, August 22, 2013 11:54 AM
Subject: Re: [AWA Group] Mystery TX circuit? Unity coupled

Thank you, Roger. I especially like the way you organized that two floor construction - so ingenious! Do you have a photo with more monotone background?

On 08/22/2013 02:19 PM, Roger Kuchera wrote:
> Gentlemen,
>   Sorry for the late response re: the "Mystery" TX circuit. Please
> find attached several JPEGs of a Unity couple TX I built. It appeared
> in the ARRL 1933 Handbook. Mechanically, it was the toughest piece of
> work I have ever done!
>
>   In this configuration hand capacity is a Major problem.
>
>   If anyone is interested in additional pictures and/or commentary
> I'll be glad to forward said info.

--
73! Andy UU1CC

Yahoo! Groups Links

8140. What frequency crystal on 40 meters do I need?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-25 16:27:20 UTC
From: fourwattswilltravel
Topic: 8140 Message: 8140

Hi All,
I have a DX-40 and I am thinking of buying a Viking Adventuer. When I get my Technician ticket what freq crystals should I buy for people like myself. No experience and slow code. I am interested in QRP and later going to another suggested band. What is your opinion of these fine transmitters.

Thank you

8141. Re: [AWA Group] What frequency crystal on 40 meters do I need?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-25 16:41:04 UTC
From: KG4KGL
Topic: 8140 Message: 8141

Hello,

Since you are slow at code(so am I), three frequencies of good use would be 7114 kHz, this is the calling freq. for new hams. The other two are 7055 and 7120 kHz. These are the SKCC freqs. SKCC is the straight key club. A lot of the members are slow at code as well and all will slow down to work with you.

My SKCC member number is 9785. See you soon! I also have a DX-20 it needs a little updating first.

Robert
KG4KGL

On Aug 25, 2013, at 12:27, "fourwattswilltravel" <danyoder.cs@...> wrote:

> Hi All,
> I have a DX-40 and I am thinking of buying a Viking Adventuer. When I get my Technician ticket what freq crystals should I buy for people like myself. No experience and slow code. I am interested in QRP and later going to another suggested band. What is your opinion of these fine transmitters.
>
> Thank you
>
>

8142. Re: [AWA Group] What frequency crystal on 40 meters do I need?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-25 17:04:40 UTC
From: fourwattswilltravel
Topic: 8140 Message: 8142

Hi Robert,

Thanks for the info. I am using the Koch method o learn code what did you use? Do you use a dipole and a tuner? What kind of keyer do you have?

Dan
--- In AWAGroup@yahoogroups.com, KG4KGL <kg4kgl@...> wrote:
>
> Hello,
>
> Since you are slow at code(so am I), three frequencies of good use would be 7114 kHz, this is the calling freq. for new hams. The other two are 7055 and 7120 kHz. These are the SKCC freqs. SKCC is the straight key club. A lot of the members are slow at code as well and all will slow down to work with you.
>
> My SKCC member number is 9785. See you soon! I also have a DX-20 it needs a little updating first.
>
> Robert
> KG4KGL
>
> On Aug 25, 2013, at 12:27, "fourwattswilltravel" <danyoder.cs@...> wrote:
>
> > Hi All,
> > I have a DX-40 and I am thinking of buying a Viking Adventuer. When I get my Technician ticket what freq crystals should I buy for people like myself. No experience and slow code. I am interested in QRP and later going to another suggested band. What is your opinion of these fine transmitters.
> >
> > Thank you
> >
> >
>

8143. Re: [AWA Group] What frequency crystal on 40 meters do I need?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-25 17:34:34 UTC
From: KG4KGL
Topic: 8140 Message: 8143

I use an iPhone app that incorporates the Koch method. I am up to about 11 wpm.

Yea I use a 102 ft dipole with a 10-80m Johnson matchbox tuner. With that combination and my modern rig and the lousy soil here, I can tune 80, 40, and 20m. I miss 30m very much though.

Robert
KG4KGL

On Aug 25, 2013, at 13:04, "fourwattswilltravel" <danyoder.cs@...> wrote:

>
> Hi Robert,
>
> Thanks for the info. I am using the Koch method o learn code what did you use? Do you use a dipole and a tuner? What kind of keyer do you have?
>
> Dan
> --- In AWAGroup@yahoogroups.com, KG4KGL <kg4kgl@...> wrote:
> >
> > Hello,
> >
> > Since you are slow at code(so am I), three frequencies of good use would be 7114 kHz, this is the calling freq. for new hams. The other two are 7055 and 7120 kHz. These are the SKCC freqs. SKCC is the straight key club. A lot of the members are slow at code as well and all will slow down to work with you.
> >
> > My SKCC member number is 9785. See you soon! I also have a DX-20 it needs a little updating first.
> >
> > Robert
> > KG4KGL
> >
> > On Aug 25, 2013, at 12:27, "fourwattswilltravel" <danyoder.cs@...> wrote:
> >
> > > Hi All,
> > > I have a DX-40 and I am thinking of buying a Viking Adventuer. When I get my Technician ticket what freq crystals should I buy for people like myself. No experience and slow code. I am interested in QRP and later going to another suggested band. What is your opinion of these fine transmitters.
> > >
> > > Thank you
> > >
> > >
> >
>

>

8144. eBay Alert $?!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-26 01:58:47 UTC
From: Louis Vermond
Topic: 8144 Message: 8144

http://www.ebay.ca/itm/OLD-DEFOREST-CRYSTAL-DETECTOR-IN-VERY-GOOD-CONDITION-FITS-D-F-D-10-D-7-OTHERS-/200955526752?pt=LH_DefaultDomain_0&hash=item2ec9e1fe60#ht_115wt_1064

8145. Re: [AWA Group] What frequency crystal on 40 meters do I need?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-26 15:45:04 UTC
From: Niel - W0VLZ
Topic: 8140 Message: 8145

Dan,

The January AWA Linc Cundall Memorial CW Contest has shifted to
7100-7125 for 40 mtrs. Crystals in this range will let you participate
in this event.

(A single 6L6 transmitter is pretty easy to build up allowing you to
also get the vintage equipment multiplier.)

73,
Niel

KG4KGL wrote:
> Hello,
>
> Since you are slow at code(so am I), three frequencies of good use
> would be 7114 kHz, this is the calling freq. for new hams. The other
> two are 7055 and 7120 kHz. These are the SKCC freqs. SKCC is the
> straight key club. A lot of the members are slow at code as well and
> all will slow down to work with you.
>
> My SKCC member number is 9785. See you soon! I also have a DX-20 it
> needs a little updating first.
>
> Robert
> KG4KGL
>
> On Aug 25, 2013, at 12:27, "fourwattswilltravel"
> <danyoder.cs@... <mailto:danyoder.cs@...>> wrote:
>
>> Hi All,
>> I have a DX-40 and I am thinking of buying a Viking Adventuer. When I
>> get my Technician ticket what freq crystals should I buy for people
>> like myself. No experience and slow code. I am interested in QRP and
>> later going to another suggested band. What is your opinion of these
>> fine transmitters.
>>
>> Thank you
>>
>

8146. Re: What frequency crystal on 40 meters do I need?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-27 19:22:02 UTC
From: JAMES HANLON
Topic: 8140 Message: 8146

You are getting a number of good suggestions for 40 meter crystals. I would suggest two things.

The "Classic Exchange" (www.classicexchange.org) is a great, low impact "contest" for folks who enjoy using old equipment like your DX-40 and your prospective Adventurer. It runs next on September 22 on 7045 kHz.

If you are going to buy more than a couple of crystals, you might well consider getting a vfo instead. A Heathkit VF-1 would do a great job with either the DX-40 or the Adventurer, and it would run on power borrowed from the transmitter.

I have an Adventurer on the air, and it is a nice little rig. I run it with a Johnson Viking vfo. You might also want to consider a Heath DX-60. It would give you AM phone capability as well as CW.

Have fun!

Jim, W8KGI

8147. Re: [AWA Group] Re: What frequency crystal on 40 meters do I need?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-27 23:30:44 UTC
From: Daniel Yoder
Topic: 8140 Message: 8147

Hi Jim,
I really appreciate everyones help and suggestions. My DX-40 has phone mode but I think the modulation method is poor compared to the DX-60. I would like to ask a few questions about your suggestion. The reason I was going to buy three crystals is the stability and the lack of or less chirp or chicken baulk. I heard that the VF-1 and the HG-10 VFO could both be used but one should build a seperate power supply for it. I also heard that the VFO's cause chirp, can you comment on my info.
Thanks Dan

On Tue, Aug 27, 2013 at 3:22 PM, JAMES HANLON <knjhanlon@...> wrote:

> **
>
>
> You are getting a number of good suggestions for 40 meter crystals. I
> would suggest two things.
>
> The "Classic Exchange" (www.classicexchange.org) is a great, low impact
> "contest" for folks who enjoy using old equipment like your DX-40 and your
> prospective Adventurer. It runs next on September 22 on 7045 kHz.
>
> If you are going to buy more than a couple of crystals, you might well
> consider getting a vfo instead. A Heathkit VF-1 would do a great job with
> either the DX-40 or the Adventurer, and it would run on power borrowed from
> the transmitter.
>
> I have an Adventurer on the air, and it is a nice little rig. I run it
> with a Johnson Viking vfo. You might also want to consider a Heath DX-60.
> It would give you AM phone capability as well as CW.
>
> Have fun!
>
> Jim, W8KGI
>
>
>

8148. A story in pictures

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-28 02:15:51 UTC
From: Louis Vermond
Topic: 8148 Message: 8148
Attachments: 4 described; binary payloads are missing from this source WARC

Ted Rogers, c3BP...
Note key

God-send for an arthritic fist. Sound like I'm using my right foot now...

Roughened with course sandpaper.

8149. Re: What frequency crystal on 40 meters do I need?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-28 18:05:03 UTC
From: JAMES HANLON
Topic: 8140 Message: 8149

Dan,

The Heath VF-1 includes an 0A2 voltage regulator tube for the screen grid voltage of the oscillator tube, so it will not need a separate power supply to keep it from chirping. I run a VF-1 with my Viking 1 and another VF-1 with my Heath AT-1. I power the VF-1s from the transmitter power supplies in both cases, and they do not chirp. I run a DX-60 with an HG-10 vfo powered from the rig, and it does not chirp. And I have a DX-100 on the air which has a built-in version of the VF-1, and it does not chirp. So you should be safe to acquire a VF-1 and power it from the DX-40 accessory socket, and depend upon it to give you a good signal.

Jim, W8KGI

8150. UU1CC Scoop!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-28 22:33:48 UTC
From: Louis Vermond
Topic: 8150 Message: 8150
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.glowbugs.info/2013/08/inside-g6yl-transmitter.html#more

8151. CW and Signal Generators

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-28 23:25:40 UTC
From: <danyoder.cs@...>
Topic: 8151 Message: 8151

I know this might get some people upset, but let me just ask a question. I am studying the code and I am using the Koch method. But, while I am learning would it be helpful and fun to purchase this.

CW Decoder (Morse Code Reader) + CW Signal Generator

Copy and paste into Ebay

Thanks Dan

8152. Re: [AWA Group] CW and Signal Generators

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-28 23:54:28 UTC
From: Louis Vermond
Topic: 8151 Message: 8152

You'll give up on learning the code....

----- Original Message -----
From: danyoder.cs@...
To: AWAGroup@yahoogroups.com
Sent: 2013-08-28 7:25 PM
Subject: [AWA Group] CW and Signal Generators

I know this might get some people upset, but let me just ask a question. I am studying the code and I am using the Koch method. But, while I am learning would it be helpful and fun to purchase this.

CW Decoder (Morse Code Reader) + CW Signal Generator

Copy and paste into Ebay

Thanks Dan

8153. Re: [AWA Group] CW and Signal Generators

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-29 00:08:35 UTC
From: KG4KGL
Topic: 8151 Message: 8153

Louis is right. If you have a decoder, you will rely on it too much. Besides the fun part of code (for me anyway) is using nothing more than a radio, key, and antenna. The simplicity of the mode is what is so appealing to me.

Robert
KG4KGL

On Aug 28, 2013, at 19:54, Louis Vermond <ldvermond@sympatico.ca> wrote:

> □
>
> You'll give up on learning the code....
>
>
>
> ----- Original Message -----
> From: danyoder.cs@...
> To: AWAGroup@yahoogroups.com
> Sent: 2013-08-28 7:25 PM
> Subject: [AWA Group] CW and Signal Generators
>
>
> I know this might get some people upset, but let me just ask a question. I am studying the code and I am using the Koch method. But, while I am learning would it be helpful and fun to purchase this.
>
>
>
> CW Decoder (Morse Code Reader) + CW Signal Generator
>
>
>
> Copy and paste into Ebay
>
>
>
> Thanks Dan
>
>

8154. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-29 10:07:17 UTC
From: Louis Vermond
Topic: 130 Message: 8154

Military type HAM TUBE Transmitter / Short Wave SSB 30 Mhz Sideband
Q: What you appear to offer is a Ham radio homebrew project. It is a SSB transmitter as described in the old ARRL Sideband Handbooks. It was origionally described in QST, June 1958 by George K. Bigler W6TEU.

http://www.ebay.com/itm/Military-type-HAM-TUBE-Transmitter-Short-Wave-SSB-30-Mhz-Sideband-Antique/261268392413?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D906037532008685289%26pid%3D100084%26prg%3D1115%26rk%3D3%26rkt%3D8%26sd%3D251328323188%26&ssPageName=ADME:B:SS:US:1120

8155. Tek 585A scope

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-29 19:02:32 UTC
From: Leonard Meek
Topic: 8155 Message: 8155

Anyone have any experience with a Tek 585A scope? I mean other than scrapping it. Mine died a few weeks ago and I just got around to looking into it yesterday. I found a badly charred cap in the B sweep trigger circuit that doesn't seem to be on the schematic. In fact, it doesn't look like the caps that Tek usually uses, and is installed in a manner unlike a Tek installation. It appears to be bypassing the 350V to the cathode follower and is not a 'lytic cap. The scope seems to run alright without it, but I won't know untill I go through the realignment. This is my favorite scope. It has survived replacing the high volt rectifiers, twice (the leads corroded off) and one 2000V cap shorted. A couple of other tubes were replaced and the tunnel diode contacts were burnished, but aside from that it has been a faithful workhorse.

Leonard

8156. tEK 585a sCOPE

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-29 22:24:12 UTC
From: Leonard Meek
Topic: 8156 Message: 8156

In my last post I forget to mention that I wanted to know the value of the cap that was burned, and also why it was there. The scope seems happy without it. My first thought was, it was a decoupling cap, but it doesn't show up in any of the schematics I have. I could arbitrarily put in a 0.1uF cap if there's a good enough reason.

8157. tEK 585a

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-30 21:21:31 UTC
From: Leonard Meek
Topic: 8157 Message: 8157

Bob, Larry, thanks for the suggestions. I don't know how old my scope is, but the ser# is 10239. The polarity inversion switches are square with serrations. The cap was connected between the supply side of the 4.7K plate resistor on V1093A and a ground point on the 7XX subchassis. It doesn't look like any of the other caps in the area and it seemed odd that it would be connected to a ground point on another subchassis. It was a black Aerovox cap, but not one of the infamous "black beauties." Some of the problems I've had were caused by lizzards getting into the circuits, but they didn't hang around too long. It seems a waste to fire up 65 tubes just to make a simple check. I built a small 2" scope years ago but lost it somewhere. I'll just have to build another one and save the 585A for more serious stuff. BTW, a friend has offered me a non-working Tek 422. It has a trace so the HV is okay, but no vertical. I may take him up on it. Also, I have a Tek 130 LC meter that has developed alzheimers. I built the S-30 test jig but haven't gotten around to using it yet. So much to do, so little time left.

Leonard
----- Original Message -----
From: "RJP_GMAIL" <rjperls@gmail.com>
To: <lemeek@...>
Sent: Friday, August 30, 2013 5:49 AM
Subject: Re: Tek 585A

> Howdy Leonard-
>
> Saw your post on the AWA group concerning the TEK585A.
>
> Do you know about the Yahoo TEKTRONIX group? All about (vintage) scopes.
>
> From the little info in your AWA Group post I can't really help you.
> I'd need to have more info. I have two 585A's along with a whole stable of
> other classic/vintage TEK scopes 'n' gear-- kind of a passion for me.
>
> For starters to let me know the approx age of your scope-- what style of
> levers does it have on the slide switches on the time base slope
> selectors?-- Square with serrated surface or smooth lever-like protrusion
> type?
>
> Regardless of slide switches I suggest you go through the 'scope and
> replace every black cased paper capacitor in the main-frame.
>
> they are paper-oil capacitors that fail after a while-- like forty years.
> They tend to become leaky and then dissipate power and heat up.
> I've had a few explode on me.. one blew while I was investigating a
> curious wheezing noise coming from the scope's innards...

>
> Then I suggest using the schematic diagram and measuring each resistor for
> out of tolerance condition. Tek used excellent quality components but the
> carb-comp resistors tend to drift in value. Replace carb-comp resistors
> with carb-comp types if possible. They are available but more of a
> challenge to find. Reason: Carb comp type resistors can stand "over load"
> both current surges and differential voltages much better than film
> resistors.
>
> From there, I would need more specific info about your mystery cap.
>
> If you wish further information don't hesitate to ask.
>
> Regards,
>
> Bob

8158. New to me...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-30 23:29:13 UTC
From: Louis Vermond
Topic: 8158 Message: 8158

http://k8cix.tripod.com/crystalradio.html

8159. Woe is us...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-08-31 23:00:40 UTC
From: Louis Vermond
Topic: 8159 Message: 8159

Have you visited AWAGroup today? Brace yourself...

8160. Re: [AWA Group] Woe is us...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-01 11:11:31 UTC
From: N1BUG
Topic: 8159 Message: 8160
Attachments: 1 described; binary payloads are missing from this source WARC

Have you visited AWAGroup today? Brace yourself...

8161. RE: Woe is us...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-01 12:20:07 UTC
From: <uu1cc@...>
Topic: 8159 Message: 8161

http://glowbugs.conus.info/post/59967280072/european-valves-at-the-asian-hat

--
73! Hatter UU1CC

--- In awagroup@yahoogroups.com, <paul@...> wrote:

Have you visited AWAGroup today? Brace yourself...

8162. Re: [AWA Group] Woe is us...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-01 12:47:29 UTC
From: Eddy Swynar
Topic: 8159 Message: 8162

On 2013-09-01, at 7:11 AM, N1BUG wrote:

> Have you visited AWAGroup today? Brace yourself...
>
> <Sad-sm.jpg>
>
> _
>

Hi Guys,

I don't get it...who is behind all this, anyway...?

~73~ de Eddy VE3CUI - VE3XZ

8163. eBay Alert http://www.ebay.com/itm/BUNNELL-SIDESWIPER-TELEGRAPH-KEY-/141048277855?pt=US_Code_Keyers_Keys&hash=item20d721eb5f#ht_90wt_1064

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-01 22:11:14 UTC
From: Louis Vermond
Topic: 8163 Message: 8163
Attachments: 2 described; binary payloads are missing from this source WARC

Buy it Now: $430.00

VE3AWA

8164. ^*&$#@#$#@! eBay

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-02 02:15:30 UTC
From: Louis Vermond
Topic: 8164 Message: 8164

Jan., 1920 QST

At 1 min. 9 sec.shown to go the bidding ended. Be warned...

8165. eBay Ameco Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-02 12:58:17 UTC
From: Louis Vermond
Topic: 8165 Message: 8165

!

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=271269531284&ssPageName=ADME:B:SS:US:1120

8166. Re: [AWA Group] eBay Ameco Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-02 13:02:46 UTC
From: Eddy Swynar
Topic: 8165 Message: 8166

On 2013-09-02, at 8:58 AM, Louis Vermond wrote:

>
> !
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=271269531284&ssPageName=ADME:B:SS:US:1120
>
>
>

As Bart Simpson is wont to say, "AI CARAMBA...!!!"

...And the seller even refuses to ship to Canada, too...humph!

~73~ de Eddy VE3CUI - VE3XZ

8167. Re: [AWA Group] Woe is us...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-02 17:58:57 UTC
From: Larry Szendrei
Topic: 8159 Message: 8167

On 9/1/13 8:47 AM, Eddy Swynar wrote:
>
>
> On 2013-09-01, at 7:11 AM, N1BUG wrote:
>
>> Have you visited AWAGroup today? Brace yourself...
>>
>>
Somebody want to clue me into what's going on? I can't get into"AWA
Group as someone had kindly signed me up for this list, and attempts to
retrieve my password (or even a user name) have met with no success
(granted I could have tried harder, but priorities...)

-Larry/NE1S

8168. ^*&$#@#$#@! eBay Sellers reply.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-02 18:55:33 UTC
From: Louis Vermond
Topic: 8168 Message: 8168

Louis,

We're sorry that you missed an opportunity to bid on this item. We checked with e-Bay but they had no way of showing that the bidding was cut off early. This is not the first instance we have had with problems with last minute bidding in the past few weeks. We just had a complaint from someone who was using a "last 30 seconds" bidding service which failed to place the bid for him.

Jan., 1920 QST

At 1 min. 9 sec.shown to go the bidding ended. Be warned...

8169. Re: [AWA Group] Woe is us...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-02 18:56:33 UTC
From: Steve
Topic: 8159 Message: 8169

> Somebody want to clue me into what's going on? I can't get into"AWA
> Group as someone had kindly signed me up for this list, and attempts to
> retrieve my password (or even a user name) have met with no success
> (granted I could have tried harder, but priorities...)
>
> -Larry/NE1S
>

Hi Larry.... I'm not sure what problem you are experiencing...you said that you 'can't get into the AWA Group...' but you seem to be in it to post this message?

I don't see your name on the membership list however! Why not just try signing-up again and see what happens. The Yahoo goofs have really made a mess of things if you ask me.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8170. Re: [AWA Group] ^*&$#@#$#@! eBay Sellers reply.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-02 18:58:34 UTC
From: Steve
Topic: 8168 Message: 8170

>At 1 min. 9 sec.shown to go the bidding ended. Be warned...

maybe the last guy that bid launched his 'anti-snipe' software :-)

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8171. Re: [AWA Group] Woe is us...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-02 21:04:16 UTC
From: Steve
Topic: 8159 Message: 8171

Larry...found you now OK in the members list so still not sure of the problem you are experiencing.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8172. NC-101X Repair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-05 00:23:35 UTC
From: Louis Vermond
Topic: 8172 Message: 8172
Attachments: 1 described; binary payloads are missing from this source WARC

The replacement transformer arrived today. Thank you, Niel for the FB packaging. I've retested the xfr and it's 100%. Have cleand it up, swapped the top caps and installed it in the receiver. Guess what, the mounting holes matched.... I was somewhat surprised due to my receiver having a 25 cycle transformer.

Tomorrow will wire the xfr then (before power-up!) find the cause of the original transformer's burn-out. I will replace the filtre caps regardless though. Which leads me to this question...

Jim, VE3BHK has supplied a number of the new capacitors shown.
Now, Jim's a fine fellow and all, but is it possible that these puny caps can safely replace the originals?
(8 mfd./450V)

8173. Re: [AWA Group] Digest Number 1062

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-05 11:04:00 UTC
From: N3IBX
Topic: 8173 Message: 8173

Lou,
The replacement filtre caps, as puny as they may seem, are what we have to replace the older larger capacitors of yore. For example, a 10mfd@450vdc modern cap may only be 1/5 the size of a original 1937 cap. A lot of it has to do with superior materials today and other factors that can give the puny cap the same rating as the larger older one.

Will they last as long? Email me in 2075 and let me know the answer - hi!

Best regards,
Joe Cro N3IBX

On 09/05/13, AWAGroup@yahoogroups.com wrote:

AWAGroup Group

1 New
Message

Digest #1062

1

NC-101X Repair

by
"Louis Vermond"
louisvermond

Message

1

NC-101X Repair

Wed Sep 4, 2013 5:24 pm (PDT) . Posted by:

"Louis Vermond" louisvermond

The replacement transformer arrived today. Thank you, Niel for the FB packaging. I've retested the xfr and it's 100%. Have cleand it up, swapped the top caps and installed it in the receiver. Guess what, the mounting holes matched.... I was somewhat surprised due to my receiver having a 25 cycle transformer.

Tomorrow will wire the xfr then (before power-up!) find the cause of the original transformer's burn-out. I will replace the filtre caps regardless though. Which leads me to this question...

Jim, VE3BHK has supplied a number of the new capacitors shown.

Now, Jim's a fine fellow and all, but is it possible that these puny caps can safely replace the originals?

(8 mfd./450V)

Reply to sender

.

Reply to group

.

Reply via Web Post

.

All Messages
(1)

.

Top ^

Visit Your Group

>

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>

Create New Topic

>

5 New Photos

>

We are making changes based on your feedback, Thank you !

Submit Feedback

>

The Yahoo! Groups Product Blog

Check it out!

>

CHANGE SETTINGS

>

TERMS OF USE

>

UNSUBSCRIBE

>

8174. Capacitor differences

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-05 17:31:02 UTC
From: Roger Kuchera
Topic: 8174 Message: 8174

Least we forget a fair number of the power supply capacitors were "wet" types. Often the older wet caps could be reformed. I have successfully rebuilt them. I cut the can, just below the crimp (if so made) gut the innards; clean the insides with soap and water. I have found the large, blue Sprague types often fit inside the can.

The size reduction in modern parts is miraculous.

If memory serves, dry type capacitors came into use in the 30's.

I'm sure this applies to the so-called "filtre" types also. BTW: I have to disable my WORD spell-checker to spell it that way.

CUL, Roger/K1TG

8175. NC-101X Repair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-05 22:13:29 UTC
From: Louis Vermond
Topic: 8172 Message: 8175
Attachments: 2 described; binary payloads are missing from this source WARC

Will they last as long? Email me in 2075 and let me know the answer - hi! ...Joe

FWIW If you have the earlier 101X with the pp 6F6 audio output tubes you may want to consider swapping them with a pair of 6v6 tubes. ...Joe Y

If the look of modern caps bothers you, you might be able to install them in the hollowed-out innards of the originals. ...7UV

Joe, Stay tuned.

Joe Y, Good idea, thanks, but I've just "won" a matched NIB pair of 6F6s. Think I have two 6V6s and, if so, will follow ur advise though.

UV, There is a lot of room and installation opportunities under to chassis so no sweat. I'll leave the old caps in place with the leads cut back. See photo.

As to running the 101 on the designed-for 110VAC, during contest periods will use the Variac. See photo.

Thanks to all, Lou

Era appropriate or what?

8176. Re: [AWA Group] eBay Ameco Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-06 00:19:08 UTC
From: Louis Vermond
Topic: 8165 Message: 8176
Attachments: 1 described; binary payloads are missing from this source WARC

...And the seller even refuses to ship to Canada, too...humph!

humph! is right, Eddy! Where is General Brock when we need him? Lou

8177. 73! Hatter UU1CC

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-06 01:04:44 UTC
From: Louis Vermond
Topic: 8177 Message: 8177
Attachments: 1 described; binary payloads are missing from this source WARC

http://glowbugs.conus.info/post/59967280072/european-valves-at-the-asian-hat

--

What is the line-up, Andy?

8178. Re: [AWA Group] Capacitor differences

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-06 02:03:31 UTC
From: Louis Vermond
Topic: 8174 Message: 8178
Attachments: 1 described; binary payloads are missing from this source WARC

I'm sure this applies to the so-called "filtre" types also.

Blimey, a Yank finely got it right!

8179. Re: [AWA Group] Capacitor differences

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-06 04:12:10 UTC
From: Leonard Meek
Topic: 8174 Message: 8179
Attachments: 1 described; binary payloads are missing from this source WARC

Well, they DID invent the language, didn't they?
----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 05, 2013 4:03 PM
Subject: Re: [AWA Group] Capacitor differences

I'm sure this applies to the so-called "filtre" types also.

Blimey, a Yank finely got it right!

8180. Re: [AWA Group] Capacitor differences

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-06 17:10:26 UTC
From: Roger Kuchera
Topic: 8174 Message: 8180
Attachments: 1 described; binary payloads are missing from this source WARC

My Mom used to make wicked good apple filtres or was it apple
fritters?

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 5, 2013 10:03 PM
Subject: Re: [AWA Group] Capacitor differences

I'm sure this applies to the so-called "filtre" types also.

Blimey, a Yank finely got it
right!

8181. Re: [AWA Group] NC-101X Repair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-07 00:30:58 UTC
From: Jim Robson
Topic: 8172 Message: 8181

Hmmm...seems like some Canadianisms are seeping through, like 'mapel syrup', and 'hot dogue'! Fortunately, an electronn is an electronn...
73/VE3BHK

On 04/09/13 8:23 PM, Louis Vermond wrote:
> I will replace the _*filtre*_ caps regardless though.

8182. Re: [AWA Group] NC-101X Repair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-07 00:34:45 UTC
From: Jim Robson
Topic: 8172 Message: 8182
Attachments: 2 described; binary payloads are missing from this source WARC

Like

Oh yeah, this isn't Facebook! Good job, Lou. 73/VE3BHK

On 05/09/13 6:13 PM, Louis Vermond wrote:
>
> □
>
> Will they last as long? Email me in 2075 and let me know the answer -
> hi! ...Joe
>
> FWIW If you have the earlier 101X with the pp 6F6 audio output tubes
> you may want to consider swapping them with a pair of 6v6 tubes. ...Joe Y
> If the look of modern caps bothers you, you might be able to install
> them in the hollowed-out innards of the originals. ...7UV
> Joe, Stay tuned.
> Joe Y, Good idea, thanks, but I've just "won" a matched NIB pair of
> 6F6s. Think I have two 6V6s and, if so, will follow ur advise though.
> UV, There is a lot of room and installation opportunities under to
> chassis so no sweat. I'll leave the old caps in place with the leads
> cut back. See photo.
> As to running the 101 on the designed-for 110VAC, during contest
> periods will use the Variac. See photo.
> Thanks to all, Lou
> Era appropriate or what?
>

8183. Re: [AWA Group] NC-101X Repair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-07 00:42:50 UTC
From: Jim Robson
Topic: 8172 Message: 8183

Dang I am not adjusting well to being elderly: that would be:
/*electronne*/ 73/VE3BHK

On 06/09/13 8:30 PM, Jim Robson wrote:
>
> Hmmm...seems like some Canadianisms are seeping through, like 'mapel
> syrup', and 'hot dogue'! Fortunately, an electronn is an
> electronn... 73/VE3BHK
>
> On 04/09/13 8:23 PM, Louis Vermond wrote:
>
>> I will replace the _*filtre*_ caps regardless though.
>

8184. Re: [AWA Group] NC-101X Repair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-07 19:51:01 UTC
From: Roger Kuchera
Topic: 8172 Message: 8184

et. al. I seem to recall a bug spray used in a hand pumped
dispenser called "Filtre".....or was it Flit?

I thought of naming my new Beagle puppy "Phydeaux," but Fido
seemed simpler.

Roger.
He who speaks American, not some variant of the queen's English!

From: Jim Robson <nc101x@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, September 6, 2013 8:42 PM
Subject: Re: [AWA Group] NC-101X Repair

Dang I am not adjusting well to being elderly: that would be: electronne
73/VE3BHK

On 06/09/13 8:30 PM, Jim Robson wrote:

>Hmmm...seems like some Canadianisms are seeping through, like
'mapel
syrup', and 'hot dogue'! Fortunately, an electronn is an electronn...
73/VE3BHK
>
>On 04/09/13 8:23 PM, Louis Vermond wrote:
>I will replace the filtre caps regardless though.

8185. Re: [AWA Group] NC-101X Repair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-08 00:51:00 UTC
From: Daniel Petersen
Topic: 8172 Message: 8185

I went oot of the hoose for aboot two hours today. Canadianisms haven't affected me!
73,
Dan - W7OIL

On Sat, Sep 7, 2013 at 12:51 PM, Roger Kuchera <rwkuchera@...> wrote:

> **
>
>
> et. al. I seem to recall a bug spray used in a hand pumped
> dispenser called "Filtre".....or was it Flit?
>
> I thought of naming my new Beagle puppy "Phydeaux," but Fido
> seemed simpler.
>
> Roger.
> He who speaks American, not some variant of the queen's English!
>
> *From:* Jim Robson <nc101x@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* Friday, September 6, 2013 8:42 PM
> *Subject:* Re: [AWA Group] NC-101X Repair
>
>
>
> Dang I am not adjusting well to being elderly: that would be: *
> electronne* 73/VE3BHK
>
> On 06/09/13 8:30 PM, Jim Robson wrote:
>
>
> Hmmm...seems like some Canadianisms are seeping through, like 'mapel
> syrup', and 'hot dogue'! Fortunately, an electronn is an electronn...
> 73/VE3BHK
>
> On 04/09/13 8:23 PM, Louis Vermond wrote:
>
> I will replace the *filtre* caps regardless though.
>
>
>
>
>
>

>

--

73,
Dan - W7OIL

8186. Re: [AWA Group] NC-101X Repair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-08 04:02:25 UTC
From: Louis Vermond
Topic: 8172 Message: 8186

Think you've been eating way to much haggis, Dan.

----- Original Message -----
From: Daniel Petersen
To: awagroup
Sent: 2013-09-07 8:51 PM
Subject: Re: [AWA Group] NC-101X Repair

I went oot of the hoose for aboot two hours today. Canadianisms haven't affected me!
73,
Dan - W7OIL

On Sat, Sep 7, 2013 at 12:51 PM, Roger Kuchera <rwkuchera@snet.net> wrote:

et. al. I seem to recall a bug spray used in a hand pumped
dispenser called "Filtre".....or was it Flit?

I thought of naming my new Beagle puppy "Phydeaux," but Fido
seemed simpler.

Roger.
He who speaks American, not some variant of the queen's English!

From: Jim Robson <nc101x@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, September 6, 2013 8:42 PM
Subject: Re: [AWA Group] NC-101X Repair

Dang I am not adjusting well to being elderly: that would be: electronne 73/VE3BHK

On 06/09/13 8:30 PM, Jim Robson wrote:

Hmmm...seems like some Canadianisms are seeping through, like 'mapel syrup', and 'hot
dogue'! Fortunately, an electronn is an electronn... 73/VE3BHK

On 04/09/13 8:23 PM, Louis Vermond wrote:
I will replace the filtre caps regardless though.

--

73,
Dan - W7OIL

8187. Re: [AWA Group] NC-101X Repair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-08 20:06:16 UTC
From: Larry Szendrei
Topic: 8172 Message: 8187

On 9/6/13 8:30 PM, Jim Robson wrote:
>
> Hmmm...seems like some Canadianisms are seeping through, like 'mapel
> syrup',
>

I had always thought it was "maple syrple."

73,
-Larry/NE1S
>
>

8188. ebay Alert 1926 Grebe CR-18 Special Short-Wave Receiver With Coils

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-08 21:54:00 UTC
From: Louis Vermond
Topic: 8188 Message: 8188

6PM E

4 hours to go...

http://www.ebay.com/itm/1926-Grebe-CR-18-Special-Short-Wave-Receiver-With-Coils/290970580510?_trksid=p2047675.m2109&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D1%26asc%3D142%26meid%3D1150900839135508871%26pid%3D100010%26prg%3D1076%26rk%3D2%26rkt%3D15%26sd%3D190896888379%26#ht_10094wt_1249

8189. Re: [AWA Group] NC-101X Repair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-08 22:02:19 UTC
From: Louis Vermond
Topic: 8172 Message: 8189

"maple syrple." Syrple? Maine maybe...

8190. What are these worth? Grebe CR-18

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-09 21:27:47 UTC
From: Louis Vermond
Topic: 8190 Message: 8190

http://www.ebay.com/itm/1926-Grebe-CR-18-Special-Short-Wave-Receiver-With-Coils/290970580510?_trksid=p2047675.m2109&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D1%26asc%3D142%26meid%3D1150900839135508871%26pid%3D100010%26prg%3D1076%26rk%3D2%26rkt%3D15%26sd%3D190896888379%26#ht_10094wt_1249

8191. Re: [AWA Group] NC-101X Repair

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-09 23:11:50 UTC
From: Jim Robson
Topic: 8172 Message: 8191
Attachments: 1 described; binary payloads are missing from this source WARC

I have heard 'maple syrple'! Depends how many of these with your 'flapjacks':

73, Jim/VE3BHK

On 08/09/13 4:06 PM, Larry Szendrei wrote:
>
> On 9/6/13 8:30 PM, Jim Robson wrote:
>>
>> Hmmm...seems like some Canadianisms are seeping through, like 'mapel
>> syrup',
>>
>
> I had always thought it was "maple syrple."
>
> 73,
> -Larry/NE1S
>>
>
>

8192. eBay Alert Get on 5!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-10 09:43:57 UTC
From: Louis Vermond
Topic: 8192 Message: 8192

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=200959855795&ssPageName=ADME:B:SS:US:1120

8193. eBay Alert Nice to have QSL...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-10 09:57:20 UTC
From: Louis Vermond
Topic: 8193 Message: 8193

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=370894524389&ssPageName=ADME:B:SS:US:3160

8194. RE: [AWA Group] What are these worth? Grebe CR-18

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-10 11:54:19 UTC
From: Mike Feher
Topic: 8190 Message: 8194

I paid $1860 for my first one that was missing the 160 meter coil about 3 years ago. A few months ago I bought another for $1700 just for the 160 meter coil, and, immediately was able to re-sell it for $1600. I am surprised this one did not do well as I was watching it for the heck of it.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, September 09, 2013 5:28 PM
To: AWAGroup
Subject: [AWA Group] What are these worth? Grebe CR-18

http://www.ebay.com/itm/1926-Grebe-CR-18-Special-Short-Wave-Receiver-With-Coils/290970580510?_trksid=p2047675.m2109
<http://www.ebay.com/itm/1926-Grebe-CR-18-Special-Short-Wave-Receiver-With-Coils/290970580510?_trksid=p2047675.m2109&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D1%26asc%3D142%26meid%3D1150900839135508871%26pid%3D100010%26prg%3D1076%26rk%3D2%26rkt%3D15%26sd%3D190896888379%26#ht_10094wt_1249>
&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D1%26asc%3D142%26meid%3D1150900839135508871%26pid%3D100010%26prg%3D1076%26rk%3D2%26rkt%3D15%26sd%3D190896888379%26#ht_10094wt_1249

8195. AWA Museum Video

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-10 20:16:17 UTC
From: Jerry
Topic: 8195 Message: 8195

Here's video of the new AWA Museum that I took during the AWA Annual Conference. It was very impressive.

https://dl.dropboxusercontent.com/u/82857515/AWA%20MUSEUM%202013.mp4

73 Jerry W1ZB

8196. Re: AWA Museum Video

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-10 21:13:11 UTC
From: Jerry
Topic: 8195 Message: 8196

Looks like my DropBox account has been suspended due to excessive downloads!! I guess the video is popular.
I will try to find a video server without download restrictions to host the file and update with the new url.

Stay tuned....
Jerry W1ZB

--- In AWAGroup@yahoogroups.com, "Jerry" <w1zb@...> wrote:
>
> Here's video of the new AWA Museum that I took during the AWA Annual Conference. It was very impressive.
>
> https://dl.dropboxusercontent.com/u/82857515/AWA%20MUSEUM%202013.mp4
>
>
> 73 Jerry W1ZB
>

8197. Re: [AWA Group] AWA Museum Video

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-10 21:17:28 UTC
From: Larry Szendrei
Topic: 8195 Message: 8197

On 9/10/13 4:16 PM, Jerry wrote:
>
> Here's video of the new AWA Museum that I took during the AWA Annual
> Conference. It was very impressive.
>
> https://dl.dropboxusercontent.com/u/82857515/AWA%20MUSEUM%202013.mp4
>
> 73 Jerry W1ZB
>

Jerry - it appears your video is too popular. Access has apparently been disabled due to high traffic.

Looking forward to seeing it when it's again available.

73,
-Larry/NE1S

>
>

8198. Re: [AWA Group] Re: AWA Museum Video

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-10 21:30:45 UTC
From: Bill Burns
Topic: 8195 Message: 8198

YouTube would be an option - there's already this recent AWA museum tour video there:

http://www.youtube.com/watch?v=n6p4VrHwYqc

--
Bill

On 9/10/2013 5:13 PM, Jerry wrote:
> Looks like my DropBox account has been suspended due to excessive downloads!! I guess the video is popular.
> I will try to find a video server without download restrictions to host the file and update with the new url.
>
> Stay tuned....
> Jerry W1ZB

8199. Re: AWA Museum Video

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-10 23:20:47 UTC
From: Jerry
Topic: 8195 Message: 8199

Looks like my DropBox account has been suspended due to excessive downloads!! I guess the video is popular.
I will try to find a video server without download restrictions to host the file and update with the new url.

Stay tuned....
Jerry W1ZB

--- In AWAGroup@yahoogroups.com, "Jerry" <w1zb@...> wrote:
>
> Here's video of the new AWA Museum that I took during the AWA Annual Conference. It was very impressive.
>
> https://dl.dropboxusercontent.com/u/82857515/AWA%20MUSEUM%202013.mp4
>
>
> 73 Jerry W1ZB
>

8200. AWA Museum Video (2nd Try)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-10 23:20:39 UTC
From: Jerry
Topic: 8200 Message: 8200

I've uploaded a video of the new AWA museum on YouTube.

http://www.youtube.com/watch?v=J76Xl45yrfc

73 Jerry W1ZB

8201. Re: [AWA Group] What are these worth? Grebe CR-18

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 03:44:34 UTC
From: Louis Vermond
Topic: 8190 Message: 8201

Tks, Mike. Have you powered it up? If so, how well does it perform? Lou

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2013-09-10 7:54 AM
Subject: RE: [AWA Group] What are these worth? Grebe CR-18

I paid $1860 for my first one that was missing the 160 meter coil about 3 years ago. A few months ago I bought another for $1700 just for the 160 meter coil, and, immediately was able to re-sell it for $1600. I am surprised this one did not do well as I was watching it for the heck of it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Monday, September 09, 2013 5:28 PM
To: AWAGroup
Subject: [AWA Group] What are these worth? Grebe CR-18

http://www.ebay.com/itm/1926-Grebe-CR-18-Special-Short-Wave-Receiver-With-Coils/290970580510?_trksid=p2047675.m2109&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D1%26asc%3D142%26meid%3D1150900839135508871%26pid%3D100010%26prg%3D1076%26rk%3D2%26rkt%3D15%26sd%3D190896888379%26#ht_10094wt_1249

8202. Re: [AWA Group] AWA Museum Video (2nd Try)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 12:26:58 UTC
From: Louis Vermond
Topic: 8200 Message: 8202

I've uploaded a video of the new AWA museum on YouTube.

GM Jerry,

Thank you for the tour c/w humming. Please tell me what kind of camera you used. Lighting and clarity was perfect.

73, Lou

8203. Re: [AWA Group] What are these worth? Grebe CR-18

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 13:26:21 UTC
From: Rj Mattson
Topic: 8203 Message: 8203

I have CR18 and CR18S. The S model has an extra stage of audio.
I've used them years ago on the 29 QSO and have QSLs from w4 and w8 land.
When a local awa member started to use his rice box during the 29 QSO I had
to quit.
The CR18 is very sensitive and selective unless there are strong local
signals present.

My Pilot SuperWasp with its screen grid detector is superior to the CR18.
I have never seen one come up for sale?
I bought mine at the Canandaigua NY AWA fall meet some years ago.
Regards,
bob...w2ami x wn2ami 1962

Tks, Mike. Have you powered it up? If so, how well does it perform? Lou

----- Original Message -----

From: Mike Feher <n4fs@eozinc.com>
To: AWAGroup@yahoogroups.com
Sent: 2013-09-10 7:54 AM
Subject: RE: [AWA Group] What are these worth? Grebe CR-18

I paid $1860 for my first one that was missing the 160 meter coil about 3
years ago. A few months ago I bought another for $1700 just for the 160
meter coil, and, immediately was able to re-sell it for $1600. I am
surprised this one did not do well as I was watching it for the heck of it.
73 - Mike ****

****

Mike B. Feher, N4FS****

89 Arnold Blvd.****

Howell, NJ, 07731****

8204. Re: [AWA Group] What are these worth? Grebe CR-18

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 15:12:31 UTC
From: Larry Szendrei
Topic: 8203 Message: 8204

On 9/12/13 9:26 AM, Rj Mattson wrote:
> I have CR18 and CR18S. The S model has an extra stage of audio.
> I've used them years ago on the 29 QSO and have QSLs from w4 and w8 land.
> When a local awa member started to use his rice box during the 29 QSO
> I had to quit.
> The CR18 is very sensitive and selective unless there are strong local
> signals present.
> My Pilot SuperWasp with its screen grid detector is superior to the CR18.
> I have never seen one come up for sale?
> I bought mine at the Canandaigua NY AWA fall meet some years ago.
> Regards,
> bob...w2ami x wn2ami 1962
> .
>
>

I saw a very nice (AC?) SuperWasp in the auction preview at the 2010 Convention. I lusted for it, but couldn't stay for the auction, and wouldn't have been able to afford it anyway. (I did pick up a rusty SW-3 from Jim Kreutzer (sp?) at the (IIRC) 2005 Convention flea market which I made somewhat presentable and very much functional, and I have a homebrew SW regen from the 20s as well).

73,
-Larry/NE1S

8205. Re: [AWA Group] What are these worth? Grebe CR-18

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 15:15:36 UTC
From: N1BUG
Topic: 8203 Message: 8205

On 09/12/2013 09:26 AM, Rj Mattson wrote:

?

My Pilot SuperWasp with its screen grid detector is superior to the CR18.

I have never seen one come up for sale?

There were at least two on eBay last year. I stopped counting or looking after seeing what they go for.

73,
Paul N1BUG

8206. Re: [AWA Group] What are these worth? Grebe CR-18

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 15:44:47 UTC
From: Paul Christensen
Topic: 8203 Message: 8206

> On 09/12/2013 09:26 AM, Rj Mattson wrote: My Pilot SuperWasp with its screen grid detector is superior to the CR18. I have never seen one come up for sale?

At the time the CR-18 Special and Pilot Super Wasp series were produced (ca. 1928), the inclusion of the Pilot's tetrode tubes resulted in a quantum upward leap in performance. It's an apples-to-oranges comparison between the two. The Super Wasps and National SW-4 were among the first commercially manufactured tetrode-based sets for the amateur market. Both manufacturers bullet-pointed "screen grid" technology in their advertising literature.

Has anyone ever seen a Grebe CR-19 or know its tube structure? A CR-19 photo appears in Alan Douglas' series, but I have never heard of one actually produced.

Paul, W9AC

8207. 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 19:45:38 UTC
From: Leonard Meek
Topic: 8207 Message: 8207

Anyone know where I can find an 11 pin socket for a 2AP1 CRT???

8208. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 19:47:38 UTC
From: Louis Vermond
Topic: 8207 Message: 8208

Show us one....

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com ; Radio_Library@yahoogroups.com ; radioconstructors Moderator ; regenrx@yahoogroups.com
Sent: 2013-09-12 3:45 PM
Subject: [AWA Group] 2AP1 Socket

Anyone know where I can find an 11 pin socket for a 2AP1 CRT???

8209. Re: [AWA Group] CW and Signal Generators

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 19:47:56 UTC
From: N1BUG
Topic: 8151 Message: 8209

I'm weeks behind... can you tell?

Just my two cents' worth...

I have to agree with what others said about using a code reader hindering learning of the code.

After watching the video in the eBay listing, I have to say I am not impressed with the generated code! Listening to that rough choppy code invites learning by counting code elements rather than learning by sound. That can lead to long term or permanent impairment of one's ability to become proficient at higher speeds. I would advise any Morse code student of mine to stay far away from this.

73,
Paul N1BUG

On 08/28/2013 07:25 PM, danyoder.cs@... wrote:

I know this might get some people upset, but let me just ask a question. I am studying the code and I am using the Koch method. But, while I am learning would it be helpful and fun to purchase this.

CW Decoder (Morse Code Reader) + CW Signal Generator

Copy and paste into Ebay

Thanks Dan

8210. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 20:04:09 UTC
From: Leonard Meek
Topic: 8207 Message: 8210
Attachments: 1 described; binary payloads are missing from this source WARC

Don't know if it'll come through, but here goes....

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 9:47 AM
Subject: Re: [AWA Group] 2AP1 Socket

Show us one....

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com ; Radio_Library@yahoogroups.com ; radioconstructors Moderator ; regenrx@yahoogroups.com
Sent: 2013-09-12 3:45 PM
Subject: [AWA Group] 2AP1 Socket

Anyone know where I can find an 11 pin socket for a 2AP1 CRT???

8211. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 20:23:45 UTC
From: Louis Vermond
Topic: 8207 Message: 8211
Attachments: 1 described; binary payloads are missing from this source WARC

Nice shot, Leonard, but none here. Lou

Write to Rod Burman, G4RSN rod.burman@...

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2013-09-12 4:04 PM
Subject: Re: [AWA Group] 2AP1 Socket

Don't know if it'll come through, but here goes....

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 9:47 AM
Subject: Re: [AWA Group] 2AP1 Socket

Show us one....

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com ; Radio_Library@yahoogroups.com ; radioconstructors Moderator ; regenrx@yahoogroups.com
Sent: 2013-09-12 3:45 PM
Subject: [AWA Group] 2AP1 Socket

Anyone know where I can find an 11 pin socket for a 2AP1 CRT???

8212. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 21:17:17 UTC
From: Leonard Meek
Topic: 8207 Message: 8212
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Lou. I whizzed off an email to Rod.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 10:23 AM
Subject: Re: [AWA Group] 2AP1 Socket

Nice shot, Leonard, but none here. Lou

Write to Rod Burman, G4RSN rod.burman@...

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2013-09-12 4:04 PM
Subject: Re: [AWA Group] 2AP1 Socket

Don't know if it'll come through, but here goes....

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 9:47 AM
Subject: Re: [AWA Group] 2AP1 Socket

Show us one....

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com ; Radio_Library@yahoogroups.com ; radioconstructors Moderator ; regenrx@yahoogroups.com
Sent: 2013-09-12 3:45 PM
Subject: [AWA Group] 2AP1 Socket

Anyone know where I can find an 11 pin socket for a 2AP1 CRT???

8213. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 21:45:10 UTC
From: Louis Vermond
Topic: 130 Message: 8213

VICTOREEN RADIO MARCONI ERA HOMEBREW TUBE STEAMPUNK atwater wireless radiola rca ...Out of breath
An OT parts storehouse...

http://www.ebay.co.uk/itm/VICTOREEN-RADIO-MARCONI-ERA-HOMEBREW-TUBE-STEAMPUNK-atwater-wireless-radiola-rca-/251330895880?pt=US_Ham_Radio_Receivers&hash=item3a847d2008#ht_734wt_1141

8214. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 22:39:42 UTC
From: Louis Vermond
Topic: 8207 Message: 8214
Attachments: 1 described; binary payloads are missing from this source WARC

Tell him that Louie sent you.

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2013-09-12 5:17 PM
Subject: Re: [AWA Group] 2AP1 Socket

Thanks Lou. I whizzed off an email to Rod.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 10:23 AM
Subject: Re: [AWA Group] 2AP1 Socket

Nice shot, Leonard, but none here. Lou

Write to Rod Burman, G4RSN rod.burman@btopenworld.com

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2013-09-12 4:04 PM
Subject: Re: [AWA Group] 2AP1 Socket

Don't know if it'll come through, but here goes....

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 9:47 AM
Subject: Re: [AWA Group] 2AP1 Socket

Show us one....

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com ; Radio_Library@yahoogroups.com ; radioconstructors Moderator ; regenrx@yahoogroups.com
Sent: 2013-09-12 3:45 PM
Subject: [AWA Group] 2AP1 Socket

Anyone know where I can find an 11 pin socket for a 2AP1 CRT???

8215. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-12 23:54:34 UTC
From: Leonard Meek
Topic: 8207 Message: 8215
Attachments: 1 described; binary payloads are missing from this source WARC

I did, but I haven't heard back from him yet. I know they're hard to find. Don't know how I happened to have 2 of them, and lost one.
----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 12:39 PM
Subject: Re: [AWA Group] 2AP1 Socket

Tell him that Louie sent you.

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2013-09-12 5:17 PM
Subject: Re: [AWA Group] 2AP1 Socket

Thanks Lou. I whizzed off an email to Rod.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 10:23 AM
Subject: Re: [AWA Group] 2AP1 Socket

Nice shot, Leonard, but none here. Lou

Write to Rod Burman, G4RSN rod.burman@...

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2013-09-12 4:04 PM
Subject: Re: [AWA Group] 2AP1 Socket

Don't know if it'll come through, but here goes....

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 9:47 AM
Subject: Re: [AWA Group] 2AP1 Socket

Show us one....

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com ; Radio_Library@yahoogroups.com ; radioconstructors Moderator ; regenrx@yahoogroups.com
Sent: 2013-09-12 3:45 PM
Subject: [AWA Group] 2AP1 Socket

Anyone know where I can find an 11 pin socket for a 2AP1 CRT???

8216. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-13 00:35:24 UTC
From: Louis Vermond
Topic: 8207 Message: 8216
Attachments: 1 described; binary payloads are missing from this source WARC

It'll take a few days for Rod to get back to you. GN, Lou
----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2013-09-12 7:54 PM
Subject: Re: [AWA Group] 2AP1 Socket

I did, but I haven't heard back from him yet. I know they're hard to find. Don't know how I happened to have 2 of them, and lost one.
----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 12:39 PM
Subject: Re: [AWA Group] 2AP1 Socket

Tell him that Louie sent you.

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2013-09-12 5:17 PM
Subject: Re: [AWA Group] 2AP1 Socket

Thanks Lou. I whizzed off an email to Rod.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 10:23 AM
Subject: Re: [AWA Group] 2AP1 Socket

Nice shot, Leonard, but none here. Lou

Write to Rod Burman, G4RSN rod.burman@btopenworld.com

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com
Sent: 2013-09-12 4:04 PM
Subject: Re: [AWA Group] 2AP1 Socket

Don't know if it'll come through, but here goes....

----- Original Message -----
From: Louis Vermond

To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 9:47 AM
Subject: Re: [AWA Group] 2AP1 Socket

Show us one....

----- Original Message -----
From: Leonard Meek
To: AWAGroup@yahoogroups.com ; Radio_Library@yahoogroups.com ; radioconstructors Moderator ; regenrx@...m
Sent: 2013-09-12 3:45 PM
Subject: [AWA Group] 2AP1 Socket

Anyone know where I can find an 11 pin socket for a 2AP1 CRT???

8217. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-13 02:52:40 UTC
From: Daniel Petersen
Topic: 8207 Message: 8217
Attachments: 1 described; binary payloads are missing from this source WARC

I checked in my "Junquebox" - I have the CRT but no socket.
73,
Dan - W7OIL

On Thu, Sep 12, 2013 at 5:35 PM, Louis Vermond <ldvermond@...>wrote:

> **
>
>
> **
> It'll take a few days for Rod to get back to you. GN, Lou
>
> ----- Original Message -----
> *From:* Leonard Meek <lemeek@hawaiiantel.net>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* 2013-09-12 7:54 PM
> *Subject:* Re: [AWA Group] 2AP1 Socket
>
>
>
> I did, but I haven't heard back from him yet. I know they're hard to find.
> Don't know how I happened to have 2 of them, and lost one.
>
> ----- Original Message -----
> *From:* Louis Vermond <ldvermond@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* Thursday, September 12, 2013 12:39 PM
> *Subject:* Re: [AWA Group] 2AP1 Socket
>
> Tell him that Louie sent you.
>
>
>
> ----- Original Message -----
> *From:* Leonard Meek <lemeek@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* 2013-09-12 5:17 PM
> *Subject:* Re: [AWA Group] 2AP1 Socket
>
>
>
> Thanks Lou. I whizzed off an email to Rod.
>
> Leonard

>
>
> ----- Original Message -----
> *From:* Louis Vermond <ldvermond@sympatico.ca>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* Thursday, September 12, 2013 10:23 AM
> *Subject:* Re: [AWA Group] 2AP1 Socket
>
> Nice shot, Leonard, but none here. Lou
>
> Write to Rod Burman, G4RSN rod.burman@btopenworld.com
>
>
>
>
>
> ----- Original Message -----
> *From:* Leonard Meek <lemeek@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* 2013-09-12 4:04 PM
> *Subject:* Re: [AWA Group] 2AP1 Socket
>
>
>
> Don't know if it'll come through, but here goes....
>
>
> ----- Original Message -----
> *From:* Louis Vermond <ldvermond@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* Thursday, September 12, 2013 9:47 AM
> *Subject:* Re: [AWA Group] 2AP1 Socket
>
> Show us one....
>
>
>
> ----- Original Message -----
> *From:* Leonard Meek <lemeek@...>
> *To:* AWAGroup@...m ; Radio_Library@yahoogroups.com ; radioconstructors
> Moderator <radioconstructors-owner@yahoogroups.com> ;
> regenrx@yahoogroups.com
> *Sent:* 2013-09-12 3:45 PM
> *Subject:* [AWA Group] 2AP1 Socket
>
>
>
> Anyone know where I can find an 11 pin socket for a 2AP1 CRT???
>
>

>

--

73,
Dan - W7OIL

8218. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-13 04:43:18 UTC
From: Leonard Meek
Topic: 8207 Message: 8218

I got one response from someone, in Japan I think. He says he has several he got from China. Don't know what buying & shipping will be like though.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Thursday, September 12, 2013 2:35 PM
Subject: Re: [AWA Group] 2AP1 Socket

It'll take a few days for Rod to get back to you. GN, Lou

8219. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-13 17:50:08 UTC
From: Louis Vermond
Topic: 8207 Message: 8219

Leonard,

Perhaps you've heard, but if not, "A friend of yours contacted me for a socket for a 2AP1 CRT socket but I no longer have any tube sockets available. Rod"

73, Lou

8220. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-13 17:47:43 UTC
From: Leonard Meek
Topic: 8207 Message: 8220

Thanks Lou. I'm okay for now. I have a ceramic socket for my current project and I don't think I'll need any more. The socket I was looking for was for a friend, but he found one already. There's a ham radio swap meet here tomorrow and I'll be taking a bunch of stuff down to give away. No doubt I'll come home with more stuff.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Friday, September 13, 2013 7:50 AM
Subject: Re: [AWA Group] 2AP1 Socket

Leonard,

Perhaps you've heard, but if not, "A friend of yours contacted me for a socket for a 2AP1 CRT socket but I no longer have any tube sockets available. Rod"

73, Lou

8221. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-13 21:08:54 UTC
From: Louis Vermond
Topic: 8207 Message: 8221

There's a ham radio swap meet here tomorrow and I'll be taking a bunch of stuff down to give away.

So where is this meet, Leonard 'ol buddy?

8222. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-13 20:43:12 UTC
From: Leonard Meek
Topic: 8207 Message: 8222

It's at the Naval Reserve Center in Honolulu. Starts at 0800 and wraps up around 1300. It's getting harder to give stuff away unless it's new and ready to plug & play. Nobody seems to build stuff anymore.

Leonard

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Friday, September 13, 2013 11:08 AM
Subject: Re: [AWA Group] 2AP1 Socket

There's a ham radio swap meet here tomorrow and I'll be taking a bunch of stuff down to give away.

So where is this meet, Leonard 'ol buddy?

8223. Re: [AWA Group] 2AP1 Socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-13 21:52:58 UTC
From: Louis Vermond
Topic: 8207 Message: 8223

Leonard,

Please send me your direct e-address. Lou

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Friday, September 13, 2013 7:50 AM
Subject: Re: [AWA Group] 2AP1 Socket

Leonard,

Perhaps you've heard, but if not, "A friend of yours contacted me for a socket for a 2AP1 CRT socket but I no longer have any tube sockets available. Rod"

73, Lou

8224. Nice surprise in the mail

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-13 22:30:39 UTC
From: N1BUG
Topic: 8224 Message: 8224

My memory may be going, but in all that I have read or heard about the Bruce Kelley Memorial QSO Party, I do not recall anything about awards or recognition of any kind (aside from having one's call and score listed in the AWA Journal). Imagine my surprise, then, upon opening a parcel from the AWA Museum and finding within a most gorgeous plaque in recognition of my participation last year. Wow! This thing is very nice, indeed! It shall forever be a most cherished possession, and as soon as the ham shack might have walls again, it shall forever be prominently displayed thereupon.

73,
Paul / Bugsy, N1BUG

8225. Re: [AWA Group] Nice surprise in the mail

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-13 23:08:50 UTC
From: Larry Szendrei
Topic: 8224 Message: 8225

Congrats, Paul. I got a plaque in the mail a few weeks back for the AWA AM QSO party high score. (You received it because you had the highest score, not just because you participated ;-))

73,
-Larry/NE1S

On 9/13/13 6:30 PM, N1BUG wrote:
>
> My memory may be going, but in all that I have read or heard about the
> Bruce Kelley Memorial QSO Party, I do not recall anything about awards
> or recognition of any kind (aside from having one's call and score
> listed in the AWA Journal). Imagine my surprise, then, upon opening a
> parcel from the AWA Museum and finding within a most gorgeous plaque
> in recognition of my participation last year. Wow! This thing is
> */very/* nice, indeed! It shall forever be a most cherished
> possession, and as soon as the ham shack might have walls again, it
> shall forever be prominently displayed thereupon.
>

8226. Re: [AWA Group] Nice surprise in the mail

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-14 01:00:31 UTC
From: Louis Vermond
Topic: 8224 Message: 8226
Attachments: 1 described; binary payloads are missing from this source WARC

Bugsy, my Hero!!!

8227. Re: [AWA Group] Nice surprise in the mail

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-14 13:00:26 UTC
From: Roger Kuchera
Topic: 8224 Message: 8227
Attachments: 1 described; binary payloads are missing from this source WARC

What a great pix of Jean Baker!!

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, September 13, 2013 9:00 PM
Subject: Re: [AWA Group] Nice surprise in the mail

Bugsy, my Hero!!!

__,_._, ___

8228. Re: [AWA Group] Nice surprise in the mail

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-14 18:43:00 UTC
From: Roger Kuchera
Topic: 8224 Message: 8228
Attachments: 1 described; binary payloads are missing from this source WARC

OOps! Make that Norma Jean Baker.

From: Roger Kuchera <rwkuchera@...>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Saturday, September 14, 2013 9:00 AM
Subject: Re: [AWA Group] Nice surprise in the mail

What a great pix of Jean Baker!!

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, September 13, 2013 9:00 PM
Subject: Re: [AWA Group] Nice surprise in the mail

Bugsy, my Hero!!!

__,_.,_, ___

8229. Re: [AWA Group] Nice surprise in the mail

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-14 20:28:54 UTC
From: Whitebear1122
Topic: 8224 Message: 8229

Congratulations Paul for your 1st Place in the 29 QSO Party! That 1st place plaque will look fabulous on the wall in the shack! I know what they look like because in 2007 I attended the AWA Convention and picked up Harold KB0ROB's plaque and brought it home for him. That is likely the closest I'll ever get to a 1st place plaque. hi hi hi The guys in the 29 QSO Party sure have to earn their badges, none of this quick contesting 599 73 stuff. We have to not only build our stuff but operate as first class operators to complete a long exchange both ways using flea power, often under hostile conditions (some RTTY contest or CW contest, or QRO stations pretending to not hear us). A year or two ago I received the log from a ham who made 1 lone contact and he sent that log in because he was so darn proud of building his transmitter, putting it on air, and actually making a contact with it!

Can't believe it's September already. December will be here soon enough and it'll be the 2013 29 QSO Party again! See everyone in December. 73, Scott WA9WFA

On Sep 13, 2013, at 5:30 PM, N1BUG <paul@...> wrote:

>
>
> My memory may be going, but in all that I have read or heard about the Bruce Kelley Memorial QSO Party, I do not recall anything about awards or recognition of any kind (aside from having one's call and score listed in the AWA Journal). Imagine my surprise, then, upon opening a parcel from the AWA Museum and finding within a most gorgeous plaque in recognition of my participation last year. Wow! This thing is very nice, indeed! It shall forever be a most cherished possession, and as soon as the ham shack might have walls again, it shall forever be prominently displayed thereupon.
>
> 73,
> Paul / Bugsy, N1BUG
>

8230. RE: [AWA Group] Nice surprise in the mail

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-14 21:12:04 UTC
From: barry whittemore
Topic: 8224 Message: 8230

Congrats Paul, thats awesome. how many qs did it take to get 1st place?
barry
NF1O

To: AWAGroup@yahoogroups.com
From: paul@...
Date: Fri, 13 Sep 2013 18:30:39 -0400
Subject: [AWA Group] Nice surprise in the mail

My
memory may be going, but in
all that I have read or heard about the Bruce
Kelley Memorial QSO Party, I do not
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kind (aside from having one's call and score listed in
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the AWA Museum
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within a most
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of my
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Wow! This
thing is very
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indeed! It shall
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most cherished
possession,
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might
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thereupon.

73,

Paul / Bugsy, N1BUG

8231. Re: [AWA Group] Nice surprise in the mail

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-15 12:09:40 UTC
From: N1BUG
Topic: 8224 Message: 8231

Thanks, guys.

Larry - congrats on high score in the AM QSO Party!

Barry - I made 86 contacts. Second place came in at 82 contacts, so it was close. Second place came from the midwest, which, to me at least, isn't nearly as surprising as my top score coming from northern New England. I believe there was a day when the bulk of '29 activity was in the northeast? But it looks to me as if that day is gone. There is a strong concentration in the northeast/east, and another one in the upper midwest. There also seems to be a fair amount from out west. This distribution puts the midwest guys in a sweet spot, since (other factors being equal) they can more easily work all parts of North America.

I figured the plaque was because I had the high score, but I guess subconsciously I'm still trying to avoid that fact! As a newcomer, I felt a little uneasy about that my first time participating in the event. It seems a little unfair, considering my contesting history. I guess I felt the honor of high score should be left to a veteran of the event! But I inevitably lose control in any contest or QSO Party. It always starts out innocently enough... "I'll just get on and have some fun for a few hours." Then the competitive contesting gene kicks in. :-(

I hope to be on again this December. Although at the rate I'm going I may be too busy still trying to patch the house back together for winter! Speaking of which, I better get back to work.

73,
Paul N1BUG

8232. RE: [AWA Group] Nice surprise in the mail

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-15 12:23:39 UTC
From: barry whittemore
Topic: 8224 Message: 8232

Thats awesome Paul, i had 9 contacts, only 40 and only second weekend. this year i plan to use both weekends and also now have an 80 coil, so can do 2 bands. since the contest is same week as 160 and 10 meter arrl contests ill divide my time. but i am looking forward to getting well into 2 digits for a score this time. HI HI
I am thinking about getting a SDR to use as RX in sort of a both ends of the state of the art operation.
hope to work you again.
73
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: paul@...
Date: Sun, 15 Sep 2013 08:09:40 -0400
Subject: Re: [AWA Group] Nice surprise in the mail

Thanks, guys.

Larry - congrats on high score in the AM QSO Party!

Barry - I made 86 contacts. Second place came in at 82 contacts, so it was close. Second place came from the midwest, which, to me at least, isn't nearly as surprising as my top score coming from northern New England. I believe there was a day when the bulk of '29 activity was in the northeast? But it looks to me as if that day is gone. There is a strong concentration in the northeast/east, and another one in the upper midwest. There also seems to be a fair amount from out west. This distribution puts the midwest guys in a sweet spot, since (other factors being equal) they can more easily work all parts of North America.

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73,

Paul N1BUG

8233. Research

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-17 11:29:08 UTC
From: Louis Vermond
Topic: 8233 Message: 8233

Doe anyone own this CD and willing to lend it to me for one month max. All expenses paid.
Lou

The AWA Journal (OTB) ON CD ROM

These discs run on any PC or Mac using Acrobat Reader.

Volume 1 (Contains all issues from January, 1960 - March, 1985)

8234. Video tour of WLW 1930s 500,000 watt transmitter site

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-17 12:40:43 UTC
From: N1BUG
Topic: 8234 Message: 8234

My apologies if this has been posted before. I looked, but didn't see it.

http://forums.qrz.com/showthread.php?398944

73,
Paul

8235. eBay Alert THAT'S a metre!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-18 10:53:35 UTC
From: Louis Vermond
Topic: 8235 Message: 8235

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=161108751742&ssPageName=ADME:B:SS:US:3160

8236. eBay Alert C-302 / UV-202

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-19 01:53:57 UTC
From: Louis Vermond
Topic: 8236 Message: 8236

Due to its appearance it may go for a "reasonable" amount.

http://www.ebay.ca/itm/CUNNINGHAM-TYPE-C-302-TRANSMITTING-OR-AMPLIFIER-TUBE-EARLY-10-TESTS-GOOD-/190900743971?pt=Vintage_Electronics_R2&hash=item2c72922f23#ht_115wt_1141

8237. eBay Alert... Beautiful

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-23 23:41:53 UTC
From: Louis Vermond
Topic: 8237 Message: 8237

http://www.ebay.com/itm/Silver-Marshall-Superheterodyne-Receiver-Circa-1925-/290983250299?pt=LH_DefaultDomain_0&hash=item43bff4097b#ht_10250wt_958

8238. Re: [AWA Group] eBay Alert... Beautiful

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-24 13:47:11 UTC
From: Larry Szendrei
Topic: 8237 Message: 8238

On 9/23/13 7:41 PM, Louis Vermond wrote:
>
> http://www.ebay.com/itm/Silver-Marshall-Superheterodyne-Receiver-Circa-1925-/290983250299?pt=LH_DefaultDomain_0&hash=item43bff4097b#ht_10250wt_958
>
> <http://groups.yahoo.com/group/AWAGroup/post;_ylc=X3oDMTJxanVpdGF2BF9TAzk3MzU5NzE0BGdycElkAzM5NDcwOTEwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM4MjM3BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM3OTk3OTcxMg--?act=reply&messageNum=8237>
>
>
>
>
>
I think I'm in love...

8239. a new member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-24 19:06:14 UTC
From: Poli, Louis (US SSA)
Topic: 8239 Message: 8239

All;
I just joined the group, and wanted to say Hi.

For many years I have been a ham and have enjoyed the hobby greatly.
But operating for me is simply a diversion for the moment, or for an interesting contest.

My main interest is in experimenting and recreating the interesting old designs of the 20's and onward; and only with radios associated with the tube era.
Associated with that, I have a number of communication receivers that I am restoring, and a radio shop in my basement that is well equipped (with only tube type) test equipment.

My interest in tubes and radio extends from early boyhood, and I have devoted some effort to assemble an interesting and comprehensive tube collection too.
Let me know if anyone wishes to see some of the tubes, and I'll upload some of the jpgs.

I see that there is a qso party (1929 Bruce Kelly CW), to take place in Dec 13.
Sounds great, and I will try to conjure up something of a transmitter that meets the rules.
The receiver will be a Hammarlund HQ-145 or HQ-160.

While on that, let me suggest that the power (DC input) level be raised in the future, if possible.
Yes CW can be heard father because it is very narrow band, but the few watts you can actually get out of the typical antenna (on 40 or 80 meters) when all is said and done will probably not (the odds are poor) make it beyond the regional area. (to be clearer, most people will not have the grounds for a full size 80 or 40 m antenna. Anything smaller than that can of course be used but the efficiency and directionality drop quickly.)

Looking forward to talking with the members on their radio experiences; and sharing information on restoration of the old equipment.

Best regards,
Louis

8240. RE: [AWA Group] a new member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-24 19:14:27 UTC
From: Mike Feher
Topic: 8239 Message: 8240

Hi Louis -

I meant to post a welcome after approving you, but forgot to do so. Sure sounds like you share the same passions as a lot of us on here. I for one would like to see your tube collection. Regards - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Poli, Louis (US SSA)
Sent: Tuesday, September 24, 2013 3:06 PM
To: awagroup@yahoogroups.com
Subject: [AWA Group] a new member

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Looking forward to talking with the members on their radio experiences; and sharing information on restoration of the old equipment.

Best regards,

Louis

8241. RE: [AWA Group] a new member...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-24 20:13:16 UTC
From: Poli, Louis (US SSA)
Topic: 8239 Message: 8241

Hi Mike;

Good to correspond with you.
Thanks for the welcome.

I'll prep some of the tube jpgs.
One of my favorites (actually, I have many favorites) is the type 861 Pliotron class of very high power oscillator tubes.
The data sheet can be found on the free download site (Franks Electron Tube data sheets).

Have we anyone who has experience in cleaning variable capacitors.
The badly corroded ones have white oxide particles on the plates.
And afterward, the wiper needs to be greased with something that permits electrical contact with the rotor.

The homodyne design radios of the 20's/early 30's have these large five gang variable caps controlled by a nice mechanical drive.
Very large and brings to mind the beautiful Collins capacitor drives.

Regards,
Louis

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Tuesday, September 24, 2013 3:14 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] a new member

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Looking forward to talking with the members on their radio experiences; and sharing information on restoration of the old equipment.

Best regards,
Louis

8242. Re: [AWA Group] a new member...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-24 22:50:09 UTC
From: Leonard Meek
Topic: 8239 Message: 8242

Hi Louis, Leonard here. I suppose you could use electrolysis to clean the plates of your varicaps. I don't know how it would work with aluminum but it works pretty well for steel. Look up "Derusting" on the web. For the wiper lube, we used something called "Rheolube" on the computing pots in our analog computers. I don't know if it's still available, at least under that name.

BTW, do you know of any way to raise faded tube numbers on tubes? I have a lot of them and some of them have the type numnbers barely readable or not readable at all. I know enough not to wipe them down. I found a long time ago that I could raise the number by breathing on it. The glass would frost up just enough to reveal the number for a few seconds, and then fade out again. I also have a number of tubes with numbers that don't cross to anything. They're not listed on any of the tube sites. I have Ake Holm's CD and while it's a good reference, I've found some errors in it. So I double check whatever I see there: Trust but verify. Welcome to the club.

Leonard

----- Original Message -----
From: Poli, Louis (US SSA)
To: AWAGroup@yahoogroups.com
Sent: Tuesday, September 24, 2013 10:13 AM
Subject: RE: [AWA Group] a new member...

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Regards,

Louis

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Tuesday, September 24, 2013 3:14 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] a new member

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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Sent: Tuesday, September 24, 2013 3:06 PM
To: awagroup@yahoogroups.com
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Best regards,

Louis

8243. Re: [AWA Group] a new member...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 02:58:31 UTC
From: Roger Kuchera
Topic: 8239 Message: 8243

Hello Louis,
I have found that running the caps through a dishwasher cycle does a very nice job of cleaning either Aluminum or Brass/Bronze plates and frames of variable condensers. However, the white oxide (on Aluminum) dissolves and will show up as pitting. There isn't much, that I know of, that will fix pitting. To shine the plates up you can run the parts through a vibrating rock polisher using cracked Walnut shells or ground corn cob. This works very well with condensers that break down into parts, like a National DX.

As far as lube, I've used everything from Graphite to Singer sewing machine oil. Stick to mineral based oils. Vegetable based oils tend to gum up with age.

CUL, Roger/K1TG

From: Leonard Meek <lemeek@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, September 24, 2013 6:50 PM
Subject: Re: [AWA Group] a new member...

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>Regards,
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>
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>Sent: Tuesday, September 24, 2013 3:14 PM
>To: AWAGroup@yahoogroups.com
>Subject: RE: [AWA Group] a new member
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>
>Best regards,
>Louis
>

8244. RE: [AWA Group] a new member...cleaning/oiling

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 16:29:34 UTC
From: Poli, Louis (US SSA)
Topic: 8239 Message: 8244

Roger;
Thanks for the note.
I'll try the dishwasher approach.

A question:
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Can you clarify.

Regards,
Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Tuesday, September 24, 2013 10:59 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] a new member...

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CUL, Roger/K1TG

From: Leonard Meek <lemeek@hawaiiantel.net>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, September 24, 2013 6:50 PM
Subject: Re: [AWA Group] a new member...

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Leonard

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From: Poli, Louis (US SSA)<mailto:louis.poli@baesystems.com>
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Sent: Tuesday, September 24, 2013 10:13 AM
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Very large and brings to mind the beautiful Collins capacitor drives.

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Tuesday, September 24, 2013 3:14 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] a new member

Hi Louis –

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Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Poli, Louis (US SSA)
Sent: Tuesday, September 24, 2013 3:06 PM
To: awagroup@yahoogroups.com
Subject: [AWA Group] a new member

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Looking forward to talking with the members on their radio experiences; and sharing information on restoration of the old equipment.

Best regards,
Louis

8245. Re: Nice surprise in the mail

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 16:51:06 UTC
From: Ron Barlow
Topic: 8224 Message: 8245

Congrats, Paul!! I hope to "see you" in the 2013 event!
gl & 73 de Ron n4gjv

From: N1BUG <paul@n1bug.com>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Friday, September 13, 2013 6:30 PM
Subject: [AWA Group] Nice surprise in the mail

My memory may be going, but in all that I have read or heard about the Bruce Kelley Memorial QSO Party, I do not recall anything about awards or recognition of any kind (aside from having one's call and score listed in the AWA Journal). Imagine my surprise, then, upon opening a parcel from the AWA Museum and finding within a most gorgeous plaque in recognition of my participation last year. Wow! This thing is very nice, indeed! It shall forever be a most cherished possession, and as soon as the ham shack might have walls again, it shall forever be prominently displayed thereupon.

73,
Paul / Bugsy, N1BUG

8246. Re: [AWA Group] a new member...cleaning/oiling

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 17:55:37 UTC
From: Roger Kuchera
Topic: 8239 Message: 8246

Hi again Louis,
     While there is no guarantee that and ohmmeter qualifies RF conduction, I have had no trouble with ratty contacts using a light, mineral-based, machine oil. The contact must be mechanical. I check the contact resistance before and after re-lubing. The lubricant should only keep the contact(s) from wearing. IMHO.

     I looked at a couple of my "junque" box condensers and the rubbing contact is usually Brass or Phosphor Bronze. Old Mil stuff may be silvered.

     I guess, back in the day, the used a stranded pigtail in the rotor shaft. They bought the pigtail out the back end of the shaft and attached it to the frame.

     Other guys may have their pet way of doing what I suggested.

CUL, Roger/K1TG

From: "Poli, Louis (US SSA)" <louis.poli@...>
To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Wednesday, September 25, 2013 12:29 PM
Subject: RE: [AWA Group] a new member...cleaning/oiling

Roger;
Thanks for the note.
I'll try the dishwasher approach.

A question:
The wiper which provides the electrical connection from the rotor, to the capacitor terminals, must be an electrically good smooth sliding contact.
I would not have thought that a machine oil or mineral oil would provide the conduction.
Can you clarify.

Regards,
Louis N3OL

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As far as lube, I've used everything from Graphite to Singer sewing machine oil. Stick to mineral based oils. Vegetable based oils tend to gum up with age.

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From:Leonard Meek <lemeek@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, September 24, 2013 6:50 PM
Subject: Re: [AWA Group] a new member...

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>Sent: Tuesday, September 24, 2013 3:14 PM
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>Subject: RE: [AWA Group] a new member
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>Hi Louis –
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>Mike B. Feher, N4FS
>89 Arnold Blvd.
>Howell, NJ, 07731
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>Sent: Tuesday, September 24, 2013 3:06 PM
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8247. RE: [AWA Group] a new member...cleaning/oiling...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 18:12:45 UTC
From: Poli, Louis (US SSA)
Topic: 8239 Message: 8247

Roger;
Very very nice.
I'll try it.

I can try it at RF too.
If there is a compromise, I will see the measurement change, and I'll share with the group

Yes, I have seen the stranded pigtail too.
A clever way of avoiding scratchy contact degradation.

I took it as a lesson too.
In the real world this comprises a variable, somewhat unpredictable inductor.
But evidently, not enough to compromise a below VHF frequencies, receiver.

Regards,
Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Wednesday, September 25, 2013 1:56 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] a new member...cleaning/oiling

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Other guys may have their pet way of doing what I suggested.

CUL, Roger/K1TG

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To: "AWAGroup@yahoogroups.com" <AWAGroup@yahoogroups.com>
Sent: Wednesday, September 25, 2013 12:29 PM
Subject: RE: [AWA Group] a new member...cleaning/oiling

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Best regards,
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8248. Re: [AWA Group] a new member...cleaning/oiling

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 18:18:52 UTC
From: N1BUG
Topic: 8239 Message: 8248

My two cents worth on oiling variable capacitors...

I'm sure my method isn't the right way, but it has been working for me. I have disassembled, cleaned, and reassembled a number of them, mostly Cardwell B series and National type DX. It appeared to me as though the original lubricant was some type of grease, not light oil... but, maybe it started out as oil 85 years ago. I have no idea whether it was conductive grease/oil or not. I have been using a very small amount of moly high temperature grease which I just happened to have on hand. I am not able to measure any significant contact resistance using a HP 3455A. In use, the capacitors seem to work fine, including the somewhat critical application in my TNT transmitter. Of course if your method of cleaning doesn't involve disassembly, it won't be possible to get the grease where it needs to go.

73,
Paul N1BUG

8249. Re: [AWA Group] a new member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 18:54:05 UTC
From: N1BUG
Topic: 8239 Message: 8249

Hi Louis,

I'm a little behind on replies as I'm working feverishly to get my house ready for winter, following major reconstruction efforts. Anyway, welcome and I hope you have as much fun building a '29 transmitter as I did!

I was in ham radio 30 years before I embarked on the adventure of building a '29 station. My eyes always lit up whenever I saw pictures of the late '20s rigs. There was just something so majestic about them. Once I saw and got my hands on a real, genuine rig that was built in the early 1930s. But my interest in building one didn't emerge until long time friend Ron, N4GJV, told me about the Bruce Kelley 1929 QSO Party some three years ago. What!? They actually use these rigs on the air? I want one!!! And so the adventure began...

I have mixed feelings on the power limit for the Bruce Kelley event. Ask anyone who knows me and they'll tell you I'm no low power operator! I have a long history of hating low power in any form. I've been given "Life's too short for QRP" tee shirts on several occasions, by several different people!

So, when I started this adventure I too wished the power level might one day be raised. But I've since changed my mind. Why? While this is supposed to be a fun event, not a contest per se, I have contesting in my blood and have a hard time thinking of it as anything other than a competition. It is hard to find parts to build an authentic '29 transmitter and it can get expensive. The cost seems to go up exponentially with the power level. Not everyone will be able to build a rig with much more than 10 or 20 watts input. I have come to feel that if the power level were limit for the event were raised enough to make a real difference, many participants wouldn't be able to build a competitive transmitter. Anyway, that's must my take on it.

Although I still don't like QRP, sometimes it's amazing what low power will do. Last year in the Bruce Kelley I worked WB2AWQ in Reno, Nevada from my station in Milo, Maine on 80 meters. I was shocked when I got an email from Howie explaining that he was using a dipole strung along a wood fence at 7 feet off the ground! He said it was pouring rain at the time and the fence tends to absorb substantial RF under those conditions.

I hope to work you in December! Counting down from 73 days, 4 hours, 6 minutes as I type this (I'll omit the seconds :-)

73,
Paul N1BUG

On 09/24/2013 03:06 PM, Poli, Louis (US SSA) wrote:

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Best regards,

Louis

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

8250. Re: [AWA Group] a new member...cleaning/oiling

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 19:03:21 UTC
From: Louis Vermond
Topic: 8239 Message: 8250

Hello and welcome, Louis.

I cannot recall ever having an OT variable with a lubricated rotor contact. Perhaps others have had a different experience?

As to increasing the Kelley power limit, that has been an on-going October topic. Perhaps a few of the Last Words here could suggest what QRO level would be required to be effective for all Party bands. With that, once again besiege Tim with scythes and torches. (Tim, top up the moat...)

Please tell the Group what you have in mind for a OT rig.

73, Lou
VE3AWA

8251. RE: [AWA Group] a new member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 19:29:52 UTC
From: barry whittemore
Topic: 8239 Message: 8251

Hi Lousi, I had my first adventure into the Bruce Kelly last year and did only 40 with a type 27 Hartley. I used a dipole with one end at 30 ft and the other at about 6 ft. I only made 9 QSOs and they were only on the second weekend.

I am a contester/DXer that does not use QRP often but i had a great time. It is pretty easy to pick out the signals from contesters as they are a bit less stable than my every day radio (Elecraft K3) I worked everyone that i heard. This year i am going to get an 80/40 dipole up for the event and hope to work many more thann last year.

Paul won the whole thing last year as he was a machine.

Going from the K3 to the Hartley was fun though. I do not have room to run it in my shack so it goes in the dining room. Thats why i need to put up an antenna just for the contest.

Get a tx built up and play around.

73 and welcome.

Barry

NF1O

To: AWAGroup@yahoogroups.com
From: paul@...
Date: Wed, 25 Sep 2013 14:54:05 -0400
Subject: Re: [AWA Group] a new member

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I'm a little behind on replies as I'm working feverishly to get my house ready for winter, following major reconstruction efforts. Anyway, welcome and I hope you have as much fun building a '29 transmitter as I did!

I was in ham radio 30 years before I embarked on the adventure of building a '29 station. My eyes always lit up whenever I saw pictures of the late '20s rigs. There was just something so majestic about them. Once I saw and got my hands on a real, genuine rig that was built in the early 1930s. But my interest in building one didn't emerge until long time friend Ron, N4GJV, told me about the Bruce Kelley 1929 QSO Party some three years ago. What!? They actually use these rigs on the air? I want one!!! And so the adventure began...

I have mixed feelings on the power limit for the Bruce Kelley event. Ask anyone who knows me and they'll tell you I'm no low power operator! I have a long history of hating low power in any form. I've been given "Life's too short for QRP" tee shirts on several occasions, by several different people!

So, when I started this adventure I too wished the power level might one day be raised. But I've since changed my mind. Why? While this is supposed to be a fun event, not a contest per se, I have contesting in my blood and have a hard time thinking of it as anything other

than a competition. It is hard to find parts to build an authentic '29 transmitter and it can get expensive. The cost seems to go up exponentially with the power level. Not everyone will be able to build a rig with much more than 10 or 20 watts input. I have come to feel that if the power level were limit for the event were raised enough to make a real difference, many participants wouldn't be able to build a competitive transmitter. Anyway, that's must my take on it.

Although I still don't like QRP, sometimes it's amazing what low power will do. Last year in the Bruce Kelley I worked WB2AWQ in Reno, Nevada from my station in Milo, Maine on 80 meters. I was shocked when I got an email from Howie explaining that he was using a dipole strung along a wood fence at 7 feet off the ground! He said it was pouring rain at the time and the fence tends to absorb substantial RF under those conditions.

I hope to work you in December! Counting down from 73 days, 4 hours, 6 minutes as I type this (I'll omit the seconds :-)

73,
Paul N1BUG

On 09/24/2013 03:06 PM, Poli, Louis (US SSA) wrote:

All;

I just joined the group, and wanted to say Hi.

For many years I have been a ham and have enjoyed the hobby greatly.
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Let me know if anyone wishes to see some of the tubes, and I’ll upload some of the jpgs.

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Sounds great, and I will try to conjure up something of a transmitter that meets the rules.
The receiver will be a Hammarlund HQ-145 or HQ-160.

While on that, let me suggest that the power (DC input) level be raised in the future, if possible.
Yes CW can be heard father because it is very narrow band, but the few watts you can actually get out of the typical antenna (on 40 or 80 meters) when all is said and done will probably not (the odds are poor) make it beyond the regional area. (to be clearer, most people will not have the grounds for a full size 80 or 40 m antenna. Anything smaller than that can of course be used but the efficiency and directionality drop quickly.)

Looking forward to talking with the members on their radio experiences; and sharing information on restoration of the old equipment.

Best regards,
Louis

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

8252. RE: [AWA Group] a new member...faded numbers

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 20:17:16 UTC
From: Poli, Louis (US SSA)
Topic: 8239 Message: 8252

Hi Leonard;
Thank you for the welcome, and the tip on the lubing. I'll look.

On the faded numbers;
Breathing on the nearly invisible tube number on the glass is a very effective old trick.
It bails my bacon out all the time.

I read some years ago, that this issue of making permanent marking on the glass envelope, was no technological one.
It was a tactic used to discourage the repackaging of tubes by competing sellers.
Evidently the easily rubbed off tube numbers and info, would not easily survive a mass automated repackaging scheme.
This is what I read from some historian' article, but I must admit it's a strange story.

However, this does not help us.
There is no way I know of or have read, to regenerate the markings on the tube. I have thrown away some old tubes that I suspected of being what I need, but just couldn't be sure; very disheartening.

So what I do for a tube with barely readable markings; is take a black permanent marker, the Sharpie fine tip is perfect; and clearly re-write the markings on the envelope.
The sharpie is permanent but if you are bent on removing it; that can be done.
You can even write on the black Bakelite base and see it. Better this than no marking at all if you touch it with your fingers next time.
I use white labels too, but the glue dries out after several years.

Now, I am really into tubes, and you start to get a feel for what the tube internal structure should look like.
So take another good candidate and compare the elements; and it may be, close enough for you to be sure; especially if a few characters survived.

Is it octal, or 8 or 7 pin miniature, something else?

Consider an example of a 6BE6.
In all standardized tubes, the first character is the filament voltage. Ignore it.
The forth character is the number of elements, and ignore this too for now. With the second character (best) then the third, you can start to guess.

The 6A8 is a pentagrid converter.
These first stage converter circuits were almost universal in table radios, cathedrals, etc., from the beginning.
So as an example, look for the existence of what must have been three characters; then look at the second character in particular; then pick up a comprehensive RCA receiver tube book, and now you can start to guess.
For completeness, RCA may not list the tube of interest, although it is a bit unusual, and you might need a GE or other book.
So put together a library if you need to get into this topic.

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Most tubes have the cap of the tube connected to the plate. But not so typically, with the earlier tubes used in the radios; as those caps were very often the grid input.

Also see if the filament is at the terminals you are guessing at. An easy clue.
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Light it at the favorite one of 2.5 volts, and look at the glow.

Actually, I did a tube identification on Saturday.
I picked up a cereal box of 10 acorn tubes of different part numbers for about $5., from a tail-gater at the DVHRC swap meet in Kutztown PA.
One had no markings, but comparing the internal elements to others, I pinned it down as a 956. No doubt.

More on the swap meet.
On Friday/Saturday, there was the Delaware Valley Antique Radio Swap meet at Renningers in Kutztown PA.
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I live near Allentown PA, and am only about 13 miles away from this very quaint college town.

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Few formal vendors so everything is done via an old fashioned handshake, with mostly hams; private people who restore; tailgaters with parts and chassis'; and such.
Receiver/xmitter tubes from all eras are available.
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Another vendor offered the tubes for approx $37./each, firm; so like usual be thorough and prepared as you can.

On the cross referencing:
There are many good references, downloadable receiver/transmitter books, etc. on the web.
Let me know if you need some names.

More than a few tubes do not have a counterpart. True enough.
The 5000 and 6000 series numbers are industrial, and the VTxxx are military; and they may simply not be carried in many book resources.
European tubes have their own ECCxxxxx nomenclature, and the texts on these are often not comprehensive; so you need more than one.
I have been stripping some non-functional HP equipment, and I see a number of tubes with ECC numbers/American standard numbers. However, some of these equivalents are not even listed in the texts I have.

Regards,
Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Tuesday, September 24, 2013 6:50 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] a new member...

Hi Louis, Leonard here. I suppose you could use electrolysis to clean the plates of your varicaps. I don't know how it would work with aluminum but it works pretty well for steel. Look up "Derusting" on the web. For the wiper lube, we used something called "Rheolube" on the computing pots in our analog computers. I don't know if it's still available, at least under that name.

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Leonard

----- Original Message -----
From: Poli, Louis (US SSA)<mailto:louis.poli@baesystems.com>
To: AWAGroup@yahoogroups.com<mailto:AWAGroup@yahoogroups.com>
Sent: Tuesday, September 24, 2013 10:13 AM
Subject: RE: [AWA Group] a new member...

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I'll prep some of the tube jpgs.
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The data sheet can be found on the free download site (Franks Electron Tube data sheets).

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The homodyne design radios of the 20's/early 30's have these large five gang variable caps controlled by a nice mechanical drive.
Very large and brings to mind the beautiful Collins capacitor drives.

Regards,
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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Tuesday, September 24, 2013 3:14 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] a new member

Hi Louis -

I meant to post a welcome after approving you, but forgot to do so. Sure sounds like you share the same passions as a lot of us on here. I for one would like to see your tube collection. Regards - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

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Sent: Tuesday, September 24, 2013 3:06 PM
To: awagroup@yahoogroups.com
Subject: [AWA Group] a new member

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Best regards,
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8253. Re: [AWA Group] a new member...faded numbers

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 21:22:53 UTC
From: Leonard Meek
Topic: 8239 Message: 8253

Hi Louis, Thanks for the info. Now I know who to go to next time I have a problem.

One thing I've done with some tubes is, like you say, study the internal structure and determine what's connected to which pin. That's relatively easy on peanut tubes. Then, draw a diagram of the tube and compare it to the tube base list. Once I have the base diagram number, I can narrow it down to a likely candidate. Then, I set up my tube tester for each of the candidates, but starting at a lower heater voltage and gradually raising it. When I find a setup that gives good results, I tentatively label the tube with the tube number for that setup. It's time consuming so I don't do it very often, unless I'm really desparate for a particular tube.

Years ago I bought a radio from Argentina that had some Dutch tubes in it. I made a wild gurss that they had 4 volt heaters, I have a "World Vacuum Tube Technical Manual" that listed the tubes, and it turned out I was right. I also have 3 volumes of the RCA Handbook, but the last update was in 1948, so I downloaded the complete handbook from the internet. I also downloaded the GE, RCA, Sylvania, Raytheon, Western Electric handbooks, as well as some obscure books, but they don't list some of the hearing aid and special tubes I have. It's getting too late for me to use all the tubes myself, but I would like to identify them for the next guy so they don't get thrown away.

I live in Pearl City, a suburb of Honolulu. I'm not a ham, but I go to the annual ham radio swap meet to give a bunch of stuff away. The problem is, I usually bring home as much stuff as i took there.

Leonard

----- Original Message -----
From: Poli, Louis (US SSA)
To: AWAGroup@yahoogroups.com
Sent: Wednesday, September 25, 2013 10:17 AM
Subject: RE: [AWA Group] a new member...faded numbers

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Regards,

Louis N3OL

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Sent: Tuesday, September 24, 2013 6:50 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] a new member...

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Regards,

Louis

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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Best regards,

Louis

8254. Re: [AWA Group] a new member...cleaning/oiling

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 21:32:09 UTC
From: Steve
Topic: 8239 Message: 8254

Roger - I have sent you some mail via this address but have never received any responses...is it active?

<rwkuchera@...>

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8255. cleaning and oiling

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 23:35:16 UTC
From: Roger Kuchera
Topic: 8255 Message: 8255

Hi Louis,

As others have suggested Molydenum grease or graphite will also work. I do not know if Moly is conductive. I check to make sure there is a good contact by looking at the wiper for the wear pattern. I sometimes have to re-arch/bend them slightly. As old as they are, they are bound to have wear on them.

CUL, Roger/K1TG

8256. Re: [AWA Group] a new member...cleaning/oiling

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-25 23:39:38 UTC
From: Roger Kuchera
Topic: 8239 Message: 8256

Absolutely. I used it for 20 plus years. Put my call on the
subject line. It may be going to the Spam bin.

R.

From: Steve <ve7sl@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, September 25, 2013 5:32 PM
Subject: Re: [AWA Group] a new member...cleaning/oiling

Roger - I have sent you some mail via this address but have never received
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Yahoo! Groups Links

    http://info.yahoo.com/legal/us/yahoo/utos/terms/

8257. Re: [AWA Group] Home Page Photos?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-26 22:27:39 UTC
From: Louis Vermond
Topic: 7855 Message: 8257
Attachments: 1 described; binary payloads are missing from this source WARC

Bob, If I did not reply to this, apologizes given. 73, Lou
----- Original Message -----
From: Bob
To: AWAGroup@yahoogroups.com
Sent: 2013-06-16 8:10 PM
Subject: Re: [AWA Group] Home Page Photos?

Hi Lou

This image was taken from The Boys Book of Wireless, 1924.
I wonder if his cost calculation was correct?

Bob VK7ZL

On 16/06/2013 23:38, Louis Vermond wrote:

Hello out there....

We're looking for OT related photos for the Group home page. If you have such, with or without captions, please pass them on to me or VE7SL.

Tks, Lou
VE3AWA

8258. New Old Variable at VE3AWA / Crow

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-27 00:37:40 UTC
From: Louis Vermond
Topic: 8258 Message: 8258
Attachments: 4 described; binary payloads are missing from this source WARC

GE,

Before it appeared on eBay I had never seen this kind of condenser or heard of its manufacturer. Does anyone have a firm understanding of its year of manufacture?
If so, how do you know?

An unusual means of rotor contact.
If my lighting were better you would see grease between the rotor nut and the contact strip.

8259. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-27 11:13:44 UTC
From: Louis Vermond
Topic: 130 Message: 8259

http://www.ebay.com/itm/Vintage-National-Radio-Diplole-Antenna-Insulator/111174022634?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D1578998035284946795%26pid%3D100084%26prg%3D1115%26rk%3D3%26rkt%3D8%26sd%3D121183795884%26&ssPageName=ADME:B:SS:US:1120

8260. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-27 11:23:37 UTC
From: Louis Vermond
Topic: 130 Message: 8260

What is it...really?

http://www.ebay.com/itm/Vintage-Antique-Atwater-Kent-Trimm-Radio-Shortwave-Morse-Code-Receiver-c1936/190908229891?_trksid=p11021.m2364&_trkparms=aid%3D555001%26algo%3DPW.CURRENT%26ao%3D1%26asc%3D216%26meid%3D1578996848064758372%26pid%3D100084%26prg%3D1115%26rk%3D6%26rkt%3D8%26sd%3D400579634834%26&ssPageName=ADME:B:SS:US:1120

8261. RE: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-27 11:31:40 UTC
From: Mike Feher
Topic: 130 Message: 8261

Really - who knows? However, more than likely it is a CPO or a simple HB receiver. A real hack job. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, September 27, 2013 7:24 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert

What is it...really?

http://www.ebay.com/itm/Vintage-Antique-Atwater-Kent-Trimm-Radio-Shortwave-Morse-Code-Receiver-c1936/190908229891?_trksid=p11021.m2364
<http://www.ebay.com/itm/Vintage-Antique-Atwater-Kent-Trimm-Radio-Shortwave-Morse-Code-Receiver-c1936/190908229891?_trksid=p11021.m2364&_trkparms=aid%3D555001%26algo%3DPW.CURRENT%26ao%3D1%26asc%3D216%26meid%3D1578996848064758372%26pid%3D100084%26prg%3D1115%26rk%3D6%26rkt%3D8%26sd%3D400579634834%26&ssPageName=ADME:B:SS:US:1120>
&_trkparms=aid%3D555001%26algo%3DPW.CURRENT%26ao%3D1%26asc%3D216%26meid%3D15789968480647583 72%26pid%3D100084%26prg%3D1115%26rk%3D6%26rkt%3D8%26sd%3D400579634834%26&ssPageName=ADME:B:SS:US:1120

8262. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-27 11:40:25 UTC
From: N1BUG
Topic: 130 Message: 8262

Never seen anything like that before. Anyone happen to know the age of this insulator? Just curious.

Paul

On 09/27/2013 07:13 AM, Louis Vermond wrote:

http://www.ebay.com/itm/Vintage-National-Radio-Diplole-Antenna-Insulator/111174022634?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D1578998035284946795%26pid%3D100084%26prg%3D1115%26rk%3D3%26rkt%3D8%26sd%3D121183795884%26&ssPageName=ADME:B:SS:US:1120

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

8263. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-27 22:32:02 UTC
From: Jim Robson
Topic: 130 Message: 8263

Parts.

On 27/09/13 7:23 AM, Louis Vermond wrote:
>
> What is it...really?
> http://www.ebay.com/itm/Vintage-Antique-Atwater-Kent-Trimm-Radio-Shortwave-Morse-Code-Receiver-c1936/190908229891?_trksid=p11021.m2364&_trkparms=aid%3D555001%26algo%3DPW.CURRENT%26ao%3D1%26asc%3D216%26meid%3D1578996848064758372%26pid%3D100084%26prg%3D1115%26rk%3D6%26rkt%3D8%26sd%3D400579634834%26&ssPageName=ADME:B:SS:US:1120
> <http://www.ebay.com/itm/Vintage-Antique-Atwater-Kent-Trimm-Radio-Shortwave-Morse-Code-Receiver-c1936/190908229891?_trksid=p11021.m2364&_trkparms=aid%3D555001%26algo%3DPW.CURRENT%26ao%3D1%26asc%3D216%26meid%3D1578996848064758372%26pid%3D100084%26prg%3D1115%26rk%3D6%26rkt%3D8%26sd%3D400579634834%26&ssPageName=ADME:B:SS:US:1120>
>

8264. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-28 18:58:09 UTC
From: Louis Vermond
Topic: 130 Message: 8264

Parts. Son?

8265. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-28 20:33:35 UTC
From: Jim Robson
Topic: 130 Message: 8265

> Parts. Son?

I have seen the light! The A-K switch is worth a couple bucks; some sort of power supply?; possibly an 01A that's good. Presumably Cornelius wouldn't mind... 73. Jim/VE3BHK
>

8266. ebay Alert 1920s/30s Micas

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-29 11:15:51 UTC
From: Louis Vermond
Topic: 8266 Message: 8266

http://www.ebay.com/itm/Vintage-Mica-Caps-1920s-30s-Qty-34-/111178140724?pt=US_Ham_Radio_Receivers&hash=item19e2bbcc34#ht_178wt_1249

8267. A friend is in Venice...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-29 16:07:12 UTC
From: Louis Vermond
Topic: 8267 Message: 8267
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8268. eBay alert: Ideal straight key to keying the M.O.P.A. TX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-30 15:29:00 UTC
From: Andy UU1CC
Topic: 8268 Message: 8268

Here it is:

http://www.ebay.com/itm/261293445813

--
73! Andy UU1CC

8269. eBay alert: Ideal straight key... Attn. Rich AWAGroup Member. Please adopt me! QUICKLY!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-09-30 19:15:56 UTC
From: Louis Vermond
Topic: 8269 Message: 8269
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8270. Tubes/Valves: "First Year"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-01 03:42:25 UTC
From: Louis Vermond
Topic: 8270 Message: 8270

http://www.radiomuseum.org/dsp_tube_firstseries_list.cfm

8271. eBay Alert 1936 QSTs Buy it now! $8!!!!!!!!!!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-01 12:09:07 UTC
From: Louis Vermond
Topic: 8271 Message: 8271

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=321219745155&ssPageName=ADME:B:SS:US:3160

8272. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-01 12:15:07 UTC
From: Louis Vermond
Topic: 130 Message: 8272
Attachments: 1 described; binary payloads are missing from this source WARC

2 JAMES MILLEN DIAL AND KNOBS
http://cgi.ebay.ca/ws/eBayISAPI.dll?ViewItem&item=200969890859&ssPageName=ADME:B:SS:US:1120

8273. Re: [AWA Group] Tubes/Valves: "First Year"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-01 14:44:08 UTC
From: Don Buska - The Radio Lab Works
Topic: 8270 Message: 8273

Nice list Lou,

Do you know what ROK means under the country listings? Seems like by the mid-20's they stopped listing USA tubes, and changed to ROK under the country listing. Also strange as there are no tubes listed under the USA or ROK for the year 1928. That's hard to believe!

Any insight?

73
Don N9OO

On 9/30/2013 10:42 PM, Louis Vermond wrote:
>
> http://www.radiomuseum.org/dsp_tube_firstseries_list.cfm
>

--

8274. Re: [AWA Group] Tubes/Valves: "First Year"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-01 15:42:07 UTC
From: KG4KGL
Topic: 8270 Message: 8274

Republic of Korea?

Robert
KG4KGL

> On Oct 1, 2013, at 10:44, Don Buska - The Radio Lab Works <don@...> wrote:
>
> Nice list Lou,
>
> Do you know what ROK means under the country listings? Seems like by the mid-20's they stopped listing USA tubes, and changed to ROK under the country listing. Also strange as there are no tubes listed under the USA or ROK for the year 1928. That's hard to believe!
>
> Any insight?
>
> 73
> Don N9OO
>
>
>> On 9/30/2013 10:42 PM, Louis Vermond wrote:
>>
>> http://www.radiomuseum.org/dsp_tube_firstseries_list.cfm
>
> --
>
>

8275. Re: [AWA Group] Tubes/Valves: "First Year"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-01 16:38:54 UTC
From: Louis Vermond
Topic: 8270 Message: 8275

Any insight? No. I'm just the messenger.

Republic of Korea?
Naaaa

8276. eBay Alert Buy Now $20! Six Assorted Meissner Coils Ham Radio Transmitting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-02 01:33:34 UTC
From: Louis Vermond
Topic: 8276 Message: 8276

http://www.ebay.com/itm/Six-Assorted-Meissner-Coils-Ham-Radio-Transmitting-/221292267793?pt=US_Ham_Radio_Transmitters&hash=item33860c0911#ht_321wt_1249

8277. RE: [AWA Group] eBay Alert Buy Now $20! Six Assorted Meissner Coils Ham Radio Transmitting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-02 01:46:58 UTC
From: Mike Feher
Topic: 8276 Message: 8277

These are used in the Meissner Signal Shifter.

BTW, you should try and minimize the use of special characters in your subject line, as those email often wind up in my "junk file" automatically.
- Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, October 01, 2013 9:34 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert Buy Now $20! Six Assorted Meissner Coils Ham Radio Transmitting

http://www.ebay.com/itm/Six-Assorted-Meissner-Coils-Ham-Radio-Transmitting-/221292267793?pt=US_Ham_Radio_Transmitters
<http://www.ebay.com/itm/Six-Assorted-Meissner-Coils-Ham-Radio-Transmitting-/221292267793?pt=US_Ham_Radio_Transmitters&hash=item33860c0911#ht_321wt_1249
> &hash=item33860c0911#ht_321wt_1249

8278. Re: [AWA Group] eBay Alert Buy Now $20! Six Assorted Meissner Coils Ham Radio Transmitting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-02 01:58:55 UTC
From: Louis Vermond
Topic: 8276 Message: 8278

So, no $ or ! or ? for that matter.

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2013-10-01 9:46 PM
Subject: RE: [AWA Group] eBay Alert Buy Now $20! Six Assorted Meissner Coils Ham Radio Transmitting

These are used in the Meissner Signal Shifter.

BTW, you should try and minimize the use of special characters in your subject line, as those email often wind up in my "junk file" automatically. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, October 01, 2013 9:34 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert Buy Now $20! Six Assorted Meissner Coils Ham Radio Transmitting

http://www.ebay.com/itm/Six-Assorted-Meissner-Coils-Ham-Radio-Transmitting-/221292267793?pt=US_Ham_Radio_Transmitters&hash=item33860c0911#ht_321wt_1249

8279. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-02 13:04:37 UTC
From: Louis Vermond
Topic: 130 Message: 8279

National NC Radio Speaker Cabinet for Receiver, w Jensen PM8C Driver. NC-101X?
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=131008224053&ssPageName=ADME:B:SS:US:3160#ht_150wt_904

8280. AB0CW -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-02 18:33:20 UTC
From: Mike Feher
Topic: 8280 Message: 8280

Please welcome Mark, AB0CW, to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

8281. Re: [AWA Group] AB0CW -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-02 20:01:24 UTC
From: Louis Vermond
Topic: 8280 Message: 8281

Hello Mark and tks for joining.

Please introduce yourself including photos of your '29 rigs!

73, Lou
VE3AWA

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2013-10-02 2:33 PM
Subject: [AWA Group] AB0CW -

Please welcome Mark, AB0CW, to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

8282. Re: [AWA Group] AB0CW -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-02 20:23:28 UTC
From: Roger Kuchera
Topic: 8280 Message: 8282

Howdy Mark,
     Welcome to a sterling group, I refer them as the League of Extraordinary Gentlemen.

CUL, Roger/K1TG

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, October 2, 2013 2:33 PM
Subject: [AWA Group] AB0CW -

Please welcome Mark, AB0CW, to the group. 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

8283. 160 Mtr TNT Grid Coil for Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 00:19:08 UTC
From: Louis Vermond
Topic: 8283 Message: 8283

Several here have wound this coil. Please tell me...

Diameter of form

Number of turns

Gage of wire

Type of insulation

Length of winding

Tks, Lou
VE3AWA

8284. RE: [AWA Group] 160 Mtr TNT Grid Coil for Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 00:52:46 UTC
From: Steve Flood
Topic: 8283 Message: 8284

Diameter of form: 2.375 inches

Number of turns: 20 close-wound, tapped at 8.25 turns

Gage of wire: 12AWG

Type of insulation: PVC

Length of winding: 2.7 inches

8285. Re: [AWA Group] 160 Mtr TNT Grid Coil for Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 01:07:49 UTC
From: Louis Vermond
Topic: 8283 Message: 8285

Steve OM,

This is your grid coil???

Diameter of form: 2.375 inches

Number of turns: 20 close-wound, tapped at 8.25 turns

Gage of wire: 12AWG

Type of insulation: PVC

Length of winding: 2.7 inches

8286. eBay Alert Quiz

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 01:30:58 UTC
From: Louis Vermond
Topic: 8286 Message: 8286

Unknown Make Ham Radio Transceiver in Large Black Metal Box
http://www.ebay.com/itm/Unknown-Make-Ham-Radio-Transceiver-in-Large-Black-Metal-Box-appears-complete-/350886427052?pt=US_Ham_Radio_Transmitters&hash=item51b275f9ac#ht_98wt_904

8287. RE: [AWA Group] eBay Alert Quiz

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 01:55:06 UTC
From: Mike Feher
Topic: 8286 Message: 8287

This is just a modified ARC-5 series receiver only. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, October 02, 2013 9:31 PM
To: AWAGroup
Subject: [AWA Group] eBay Alert Quiz

Unknown Make Ham Radio Transceiver in Large Black Metal Box

http://www.ebay.com/itm/Unknown-Make-Ham-Radio-Transceiver-in-Large-Black-Metal-Box-appears-complete-/350886427052?pt=US_Ham_Radio_Transmitters <http://www.ebay.com/itm/Unknown-Make-Ham-Radio-Transceiver-in-Large-Black-Metal-Box-appears-complete-/350886427052?pt=US_Ham_Radio_Transmitters&hash=item51b275f9ac#ht_98wt_904> &hash=item51b275f9ac#ht_98wt_904

8288. RE: [AWA Group] 160 Mtr TNT Grid Coil for Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 01:58:38 UTC
From: Steve Flood
Topic: 8283 Message: 8288

This is your grid coil???

SRI - - no. plate coil. Long day, mush for brains.

8289. Re: [AWA Group] AB0CW -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 02:00:22 UTC
From: Mark
Topic: 8280 Message: 8289

Good Evening All:

My name is Mark Dittmar, ABØCW. Some pictures of my '29 rigs are at:

http://www.qsl.net/ab0cw/homebrew_glowbugs.htm

My favorite on this page is the '10 Hartley, a real nice stable rig. The triple 30 regen is also a favorite homebrew receiver. It still amazes me how well it works, considering how few parts it contains.

I've been a ham since 1977. Back around 1999 or 2000 I became interested in the early transmitter and regen designs, at which time I built a number of rigs. At the time there was a lot of activity on the old glowbugs list and some great discussions of regen and Hartley lore. There was even a pretty lively and consistent CW group in the evenings...probably some of the most fun I've had in ham radio since I was a kid. I did the Bruce Kelley "contest" for several years, and it was a lot of fun, but eventually gave up on the weak 5 W / 10 W signals from back east , which at that time of year were always competing with the noise generated by the Christmas lights in my neighborhood or the RTTY contest which was always going on.

Anyway, want to get my 1929 station setup again, along with my collection of early/mid 1930s receivers, and maybe even try to drum up some local interest in the venerable designs. There are a few hams around my QTH who are "into" this kind of radio. It would be nice to hear these rigs on the air again during more than just the AWA contests. Maybe there are some "activity nights" that I don't know about.

The people that play with this stuff have a true love of radio !

73 !

Mark

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Wednesday, October 02, 2013 2:01 PM
Subject: Re: [AWA Group] AB0CW -

Hello Mark and tks for joining.

Please introduce yourself including photos of your '29 rigs!

73, Lou
VE3AWA

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com

Sent: 2013-10-02 2:33 PM
Subject: [AWA Group] AB0CW -

Please welcome Mark, AB0CW, to the group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

8290. Re: [AWA Group] AB0CW -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 02:29:08 UTC
From: Steve
Topic: 8280 Message: 8290

Nice to see you back in action Mark and look forward to working you in the '29 Party....great to see new activity out west.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8291. Re: [AWA Group] 160 Mtr TNT Grid Coil for Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 10:19:04 UTC
From: N1BUG
Topic: 8283 Message: 8291

Sorry Lou, didn't keep notes like I should have, but I'll try.

Diameter of form 1 inch

Number of turns About 120, I think. I started with 150-ish but had to take quite a few off.

Gage of wire Wish I remembered. Small stuff! Maybe Larry can recall, I got the wire from him.

Type of insulation Unsure. Cotton or silk. Again, maybe Larry can recall.

Length of winding 1-3/16 inches.

73,
Bugsy

8292. Re: [AWA Group] eBay Alert Quiz

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 11:59:37 UTC
From: Larry Szendrei
Topic: 8286 Message: 8292

Command set receiver (BC453 or ACR equivalent?) with homebrew power supply where the dynamotor once was, and what appears to be an 500 ohm-to-voice coil matching transformer added so it can drive a low-Z speaker.

Did I pass, professor?

73,
-Larry/NE1S

On 10/2/13 9:30 PM, Louis Vermond wrote:
>
>
> Unknown Make Ham Radio Transceiver in Large Black Metal Box
>
> http://www.ebay.com/itm/Unknown-Make-Ham-Radio-Transceiver-in-Large-Black-Metal-Box-appe
ars-complete-/350886427052?pt=US_Ham_Radio_Transmitters&hash=item51b275f9ac#ht_98wt_904
>

8293. Re: [AWA Group] 160 Mtr TNT Grid Coil for Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 12:10:37 UTC
From: Larry Szendrei
Topic: 8283 Message: 8293

On 10/3/13 6:19 AM, N1BUG wrote:
>
> Sorry Lou, didn't keep notes like I should have, but I'll try.
>
> Diameter of form 1 inch
>
> Number of turns About 120, I think. I started with 150-ish but had to
> take quite a few off.
>
>
> Gage of wire Wish I remembered. Small stuff! Maybe Larry can recall, I
> got the wire from him.
>
> Type of insulation Unsure. Cotton or silk. Again, maybe Larry can recall.
>
> Length of winding 1-3/16 inches.
>
> 73,
> Bugsy
>
>
I THINK the wire is #36-ish or so. I don't have a wire gauge so can't
verify. Insulation, like Paul said, is cotton or silk, one or t'other.
Don't really know how to tell the difference without consulting a
silkworm. I don't think you'd notice any practical difference between
the two, tho.

73,
-Larry/NE1S

8294. Re: [AWA Group] 160 Mtr TNT Grid Coil for Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 14:37:29 UTC
From: N1BUG
Topic: 8283 Message: 8294

Thanks Larry. Lou, my advice (and what I did)...

Regardless of wire type, choose a gauge that will allow winding approximately 150 turns on a 1" diameter standard length TNT grid coil form. Wind the form full. Then remove turns as necessary for proper operation. If I'm not mistaken, the original TNT article contains instructions on how to "tune" the grid coil. If not, then some other TNT article does! I found the 160 coil to be very forgiving. More so than the higher bands. That is, it worked reasonably well with +/- 150 turns. It works only slightly better at +/- 120 turns, though I felt that was close to "correct."

Bugsy

On 10/03/2013 08:10 AM, Larry Szendrei wrote:

On 10/3/13 6:19 AM, N1BUG wrote:

Sorry Lou, didn't keep notes like I should have, but I'll try.

Diameter of form 1 inch

Number of turns About 120, I think. I started with 150-ish but had to take quite a few off.

Gage of wire Wish I remembered. Small stuff! Maybe Larry can recall, I got the wire from him.

Type of insulation Unsure. Cotton or silk. Again, maybe Larry can recall.

Length of winding 1-3/16 inches.

73,
Bugsy

I THINK the wire is #36-ish or so. I don't have a wire gauge so can't verify. Insulation, like Paul said, is cotton or silk, one or t'other. Don't really know how to tell the difference without consulting a silkworm. I don't think you'd notice any practical difference between the two, tho.

73,
-Larry/NE1S

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

8295. Re: [AWA Group] 160 Mtr TNT Grid Coil for Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 15:43:44 UTC
From: Louis Vermond
Topic: 8283 Message: 8295

Thank you All,

I wanted a starting point and now have this.

Silk is, most commonly, green with a smooth texture. Cotton, white and fuzzy.

Any idea of the coil current flow with a, say, 210 at 500VDC?

Lou

Thanks Larry. Lou, my advice (and what I did)...

Regardless of wire type, choose a gauge that will allow winding approximately 150 turns on a 1" diameter standard length TNT grid coil form. Wind the form full. Then remove turns as necessary for proper operation. If I'm not mistaken, the original TNT article contains instructions on how to "tune" the grid coil. If not, then some other TNT article does! I found the 160 coil to be very forgiving. More so than the higher bands. That is, it worked reasonably well with +/- 150 turns. It works only slightly better at +/- 120 turns, though I felt that was close to "correct."

Bugsy

On 10/03/2013 08:10 AM, Larry Szendrei wrote:

On 10/3/13 6:19 AM, N1BUG wrote:

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Diameter of form 1 inch

Number of turns About 120, I think. I started with 150-ish but had to take quite a few off.

Gage of wire Wish I remembered. Small stuff! Maybe Larry can recall, I got the wire from him.

Type of insulation Unsure. Cotton or silk. Again, maybe Larry can recall.

Length of winding 1-3/16 inches.

73,
Bugsy

I THINK the wire is #36-ish or so. I don't have a wire gauge so can't verify. Insulation, like Paul said, is cotton or silk, one or t'other. Don't really know how to tell the difference without consulting a silkworm. I don't think you'd notice any practical difference between the two, tho.

73,
-Larry/NE1S

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

8296. 160 Mtr TNT Grid Coil for Party & KK7UV

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 15:47:59 UTC
From: Louis Vermond
Topic: 8296 Message: 8296
Attachments: 1 described; binary payloads are missing from this source WARC

This is your grid coil???

no. plate coil.

Had me going. Read down half the specs and thought, "What's he running?!"

8297. Re: [AWA Group] 160 Mtr TNT Grid Coil for Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-03 16:12:00 UTC
From: Larry Szendrei
Topic: 8283 Message: 8297

On 10/3/13 11:43 AM, Louis Vermond wrote:
>
> Thank you All,
> I wanted a starting point and now have this.
> Silk is, most commonly, green with a smooth texture. Cotton, white and
> fuzzy.
> Any idea of the coil current flow with a, say, 210 at 500VDC?
> Lou
>
The DC grid current won't be more than 15 mA or you'll be exceeding the ratings for the '10 (actually could only find specs for the 10Y, shouldn't be too far off). RF current should be "low" because its low Q. If you are worried about exceeding the ratings of the wire, it shouldn't be an issue.

73,
-Larry/NE1S

8298. Collins 4A

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-04 11:01:53 UTC
From: Louis Vermond
Topic: 8298 Message: 8298
Attachments: 1 described; binary payloads are missing from this source WARC

http://rockwellcollinsmuseum.org/artifact_collection/viewer.php?id=21

Isn't that cleaver...

8299. Re: [AWA Group] 160 Mtr TNT Grid Coil for Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-04 11:07:05 UTC
From: N1BUG
Topic: 8283 Message: 8299

Silk is, most commonly, green with a smooth texture. Cotton, white and fuzzy.

Well it was white, give or take several decades of aging. My eyes couldn't tell it it was fuzzy. I was lucky if I was able to see the wire at all. ;-)

Bugsy

8300. Re: [AWA Group] 160 Mtr TNT Grid Coil for Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-04 11:10:22 UTC
From: N1BUG
Topic: 8283 Message: 8300

The DC grid current won't be more than 15 mA or you'll be exceeding the ratings for the '10 (actually could only find specs for the 10Y, shouldn't be too far off). RF current should be "low" because its low Q. If you are worried about exceeding the ratings of the wire, it shouldn't be an issue.

I concur with Larry's assessment, but I'm confused by the phrase "or you'll be exceeding the ratings for the '10" Isn't exceeding the ratings the object of the game???

I couldn't resist... :)

Bugsy

8301. Attention Lou!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-04 11:21:08 UTC
From: Larry Szendrei
Topic: 8298 Message: 8301

Lou - did you get the photos and viseo of my grandfather's spark coil I sent you yesterday? If not, check your spam folder.

-Larry

8302. Re: [AWA Group] Attention Lou!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-04 11:32:36 UTC
From: Louis Vermond
Topic: 8298 Message: 8302

GM Larry,

I did, tks. This AM I have time to reply and not just jump in and out again here.

Do u find 'retirement' exhausting?

Lou

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: 2013-10-04 7:21 AM
Subject: [AWA Group] Attention Lou!

Lou - did you get the photos and viseo of my grandfather's spark coil I sent you yesterday? If not, check your spam folder.

-Larry

8303. Re: [AWA Group] Attention Lou!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-04 11:57:30 UTC
From: Larry Szendrei
Topic: 8298 Message: 8303

On 10/4/13 7:32 AM, Louis Vermond wrote:
>
> GM Larry,
> I did, tks. This AM I have time to reply and not just jump in and out
> again here.
No problem - just wanted to make sure you got 'em.

> Do u find 'retirement' exhausting?
>
Definitely, but it still beats the alternatives!

8304. Re: [AWA Group] Attention Lou!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-04 14:05:59 UTC
From: Roger Kuchera
Topic: 8298 Message: 8304

Hi guys,
     I couldn't resist a re mark about being retired! I have been retired for 12 years. I wonder how I had the time to go to work for 47 years!

CUL, Roger/K1TG

From: Larry Szendrei <ne1s@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, October 4, 2013 7:57 AM
Subject: Re: [AWA Group] Attention Lou!

On 10/4/13 7:32 AM, Louis Vermond wrote:

>
>GM Larry,
>
>I did, tks. This AM I have time to reply and not just jump in and out again here.
>
No problem - just wanted to make sure you got 'em.

Do u find 'retirement' exhausting?
>
>
Definitely, but it still beats the alternatives!

8305. Sky King, VE3BHK comes to vist with a trunk full. Anyone need parts?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-04 22:17:56 UTC
From: Louis Vermond
Topic: 8305 Message: 8305
Attachments: 3 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8306. Re: [AWA Group] Attention Larry!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-05 10:00:45 UTC
From: Louis Vermond
Topic: 8306 Message: 8306
Attachments: 1 described; binary payloads are missing from this source WARC

This AM I have time to reply and not just jump in and out again here. Working on my rig project won out! Lou

Dressing Bakelite panel edges.
400- 600 wet & dry paper

8307. New Book by Group Member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-05 10:16:14 UTC
From: Louis Vermond
Topic: 8307 Message: 8307
Attachments: 1 described; binary payloads are missing from this source WARC

How to Solder Good by Bugsy Gugliemo Kelley

8308. RE: [AWA Group] New Book by Group Member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-05 10:19:08 UTC
From: barry whittemore
Topic: 8307 Message: 8308
Attachments: 1 described; binary payloads are missing from this source WARC

the bigger the blob, the better the job.
barry
NF1O

To: AWAGroup@yahoogroups.com
From: ldvermond@...
Date: Sat, 5 Oct 2013 06:16:14 -0400
Subject: [AWA Group] New Book by Group Member

How to Solder
Good by Bugsy Gugliemo
Kelley

8309. Re: [AWA Group] New Book by Group Member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-05 10:23:43 UTC
From: Louis Vermond
Topic: 8307 Message: 8309

bigger the blob, the better the job. barry NF1O

LOL... Thank you, Barry I needed that to wake up. Lou

----- Original Message -----
From: barry whittemore
To: awa
Sent: 2013-10-05 6:19 AM
Subject: RE: [AWA Group] New Book by Group Member

To

How to Solder Good by Bugsy Gugliemo Kelley

Reply via web post Reply to sender Reply to group Start a New Topic Messages in this topic (2)

Recent Activity: a.. New Members 1 a.. New Photos 1
Visit Your Group
Switch to: Text-Only, Daily Digest • Unsubscribe • Terms of Use • Send us Feedback .

8310. Larry & Spark coil

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-05 10:56:44 UTC
From: Louis Vermond
Topic: 8310 Message: 8310

What a fine condx coil. I've viewed the silent video several times, but there were dire warnings about being "corrupted". Was there suppose to be audio as well?

How about a 200 metre SKED?

73, Lou
----- Original Message -----
From: Larry Szendrei
To: Louis Vermond
Sent: 2013-10-03 8:46 AM
Subject: My Grandfather's Spark Coil

Hi Lou,

Here's some pix and a brief video I just took of my grandfather's spark coil he had used in his transmitter for the brief time he was licensed as 2BSQ.

Hope the video plays for you - I know it will on my windoze box, but although I have installed what are supposed to be the correct plug-ins for Quicktime on my Mac, I can't get .avi files to play on it.

-Larry

8311. Re: [AWA Group] Larry & Spark coil

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-05 11:50:55 UTC
From: Larry Szendrei
Topic: 8310 Message: 8311

On 10/5/13 6:56 AM, Louis Vermond wrote:
>
> What a fine condx coil. I've viewed the silent video several times,
> but there were dire warnings about being "corrupted". Was there
> suppose to be audio as well?
No audio - camera doesn't have it. The digital camera I have is from
2002 - roughly 10% the age of the spark coil, to put it in perspective.
Don't know why it says its corrupt, but that may be why its videos don't
play on Quicktime on my Mac.
> How about a 200 metre SKED?
>
Our precious respective governments would whack us ;-)

Whatcha buildin'?

-Larry

8312. Re: [AWA Group] Larry & Spark coil

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-05 12:14:07 UTC
From: Louis Vermond
Topic: 8310 Message: 8312
Attachments: 1 described; binary payloads are missing from this source WARC

How about a 200 metre SKED?

Our precious respective governments would whack us ;-) Well, maybe, but imagine this... Wednesday 3AM. 1900kc.. Antenna link coil. QRP. Band pass filtre.

Whatcha buildin'? -Larry Final restoration/conservation of the UK modified REL 175 Hartley rig.

CUL, Lou

Again...

8313. Re: [AWA Group] Larry & Spark coil

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-05 12:50:30 UTC
From: Larry Szendrei
Topic: 8310 Message: 8313

On 10/5/13 8:14 AM, Louis Vermond wrote:
>
> How about a 200 metre SKED?
>
> Our precious respective governments would whack us ;-) Well, maybe,
> but imagine this... Wednesday 3AM. 1900kc.. Antenna link coil. QRP.
> Band pass filtre.

OK. You identify first ;-)

>
> Whatcha buildin'? -Larry Final restoration/conservation of the UK
> modified REL 175 Hartley rig.

Nice!!!

8314. Re: [AWA Group] Larry & Spark coil

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-05 13:42:04 UTC
From: Mark
Topic: 8310 Message: 8314
Attachments: 2 described; binary payloads are missing from this source WARC

Nice transmitter Lou. I think I have the companion receiver for this, an REL 217.

It's a regen (of course) with switchable CW audio filtering (the "peak") control. I only have one coil for it, but it does cover the 80 meter band.

I've got more pics of it at:

http://picasaweb.google.com/mark.ab0cw/RELModel217AmateurReceiver

73 Mark ABØCW

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Saturday, October 05, 2013 6:14 AM
Subject: Re: [AWA Group] Larry & Spark coil

How about a 200 metre SKED?

Our precious respective governments would whack us ;-) Well, maybe, but imagine this... Wednesday 3AM. 1900kc.. Antenna link coil. QRP. Band pass filtre.

Whatcha buildin'? -Larry Final restoration/conservation of the UK modified REL 175 Hartley rig.

CUL, Lou

Again...

8315. Re: [AWA Group] Larry & Spark coil

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-05 16:06:18 UTC
From: Louis Vermond
Topic: 8310 Message: 8315
Attachments: 2 described; binary payloads are missing from this source WARC

A "quicky"...

Pse send here photo of the 80 coil. CUL, Lou

----- Original Message -----
From: Mark
To: AWAGroup@yahoogroups.com
Sent: 2013-10-05 9:42 AM
Subject: Re: [AWA Group] Larry & Spark coil

Nice transmitter Lou. I think I have the companion receiver for this, an REL 217.

It's a regen (of course) with switchable CW audio filtering (the "peak") control. I only have one coil for it, but it does cover the 80 meter band.

I've got more pics of it at:

http://picasaweb.google.com/mark.ab0cw/RELModel217AmateurReceiver

73 Mark AB0CW

----- Original Message -----
From: Louis Vermond
To: AWAGroup@yahoogroups.com
Sent: Saturday, October 05, 2013 6:14 AM
Subject: Re: [AWA Group] Larry & Spark coil

How about a 200 metre SKED?

Our precious respective governments would whack us ;-) Well, maybe, but imagine this... Wednesday 3AM. 1900kc.. Antenna link coil. QRP. Band pass filtre.

Whatcha buildin'? -Larry Final restoration/conservation of the UK modified REL 175 Hartley rig.

CUL, Lou

Again...

8316. Attn: Mark / REL Form

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-05 21:37:54 UTC
From: Louis Vermond
Topic: 8316 Message: 8316
Attachments: 2 described; binary payloads are missing from this source WARC

Sorry to keep you waiting, Mark.

First of all, of course your REL rx is very FB OM. Please tell us the full story. How you found it. Restorations. Performance...and on. Please...

My kind of guy! Sends not one photo, but several and LARGE. Thank you..

Can you use the form below?

The condx of this form is as it was manufactured. As well, there are no cracks, chips etc. I cleaned it in the early 80s setting it aside for that "one day" project.

I used the form to dup the 80 mtr coil that came with the 175. Wanted to verify that the grid tap was optimum. It was not.

This form free to a good home.

73, Lou

8317. Fw: Mark / REL Form

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-06 02:52:52 UTC
From: Mark
Topic: 8317 Message: 8317

----- Original Message -----
From: Mark
To: Louis Vermond
Sent: Saturday, October 05, 2013 8:15 PM
Subject: Re: Mark / REL Form

Hi Lou-

I've had the REL receiver for a few years. It was a Craigslist find. The guy I bought it from was a former employee of the Elgin Watch company - I can't remember where. Anyway, they were getting rid of a bunch of "old junk" they had on one of the upper floors where such detritus was stored...he thought it looked nice and thereby saved it from the trash dump. He had kept it for many years. When I saw it I had to have it, so we made a deal.

I assumed that the watch conmpany might have used it to receive time signals. A closer examination of the coil shows "NAA" scribed on the top,so I assume my hunch is correct. Some further research on-line from an 1935 NBS bulletin showed that NAA transmitted time signals on 4525 khz, which coincidentally falls into the range of the coil / receiver !

Anyway, the tuning cap needed some attention, as the pot metal frame was cracked in numerous places. It is a special tuning capacitor, with some interesting design features built into it. I forced epoxy down into the cracks to hopefully stabilize the metal. This seemed to work fine. Fortunately epoxy doesn't expand. There was a rubber wheel which was part of the drive mechanism...it had shrunk and was no longer useable...I added something (can't remember now) around it to increase its radius. That was about it. The circuit is pretty simple and the watch company had taken good care of it. The paint is original.

It is a fairly decent performer, but suffers from a major flaw in my opinion. The tuning cap is bolted to the front panel, which is a fairly thin guage of aluminum. The aluminum flexes of course, and moves the cap in and out ever so slightly if bumped, tapped, etc. So stability is less than desirable when you tune or otherwise use any knob.

The CW audio filter works very well ! A nice feature for an early receiver.

The radius of your coil former looks the same as mine. I would be happy to accept your coil form, it would be nice to wind something for 40 meters. Lou, do you have any closeup pics of the REL transmitter ?

73 Mark ABØCW

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Saturday, October 05, 2013 3:37 PM
Subject: Attn: Mark / REL Form

Sorry to keep you waiting, Mark.

First of all, of course your REL rx is very FB OM. Please tell us the full story. How you found it. Restorations. Performance...and on. Please...

My kind of guy! Sends not one photo, but several and LARGE. Thank you..

Can you use the form below?

The condx of this form is as it was manufactured. As well, there are no cracks, chips etc. I cleaned it in the early 80s setting it aside for that "one day" project.

I used the form to dup the 80 mtr coil that came with the 175. Wanted to verify that the grid tap was optimum. It was not.

This form free to a good home.

73, Lou

8318. RE: [AWA Group] Attn: Mark / REL Form

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-06 13:01:22 UTC
From: Mike Feher
Topic: 8316 Message: 8318
Attachments: 2 described; binary payloads are missing from this source WARC

Lou -

Your photos are great also, but, in my opinion, would be a lot more useful if they were attached rather than embedded in the text. That way, if it is of high enough resolution, it can be opened up and zoomed in on. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, October 05, 2013 5:38 PM
To: AWAGroup
Subject: [AWA Group] Attn: Mark / REL Form

Sorry to keep you waiting, Mark.

First of all, of course your REL rx is very FB OM. Please tell us the full story. How you found it. Restorations. Performance...and on. Please...

My kind of guy! Sends not one photo, but several and LARGE. Thank you..

Can you use the form below?

The condx of this form is as it was manufactured. As well, there are no cracks, chips etc. I cleaned it in the early 80s setting it aside for that "one day" project.

I used the form to dup the 80 mtr coil that came with the 175. Wanted to verify that the grid tap was optimum. It was not.

This form free to a good home.

73, Lou

8319. Re: [AWA Group] Attn: Mark / REL Form

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-06 19:14:48 UTC
From: KG4KGL
Topic: 8316 Message: 8319

Lou tell me what shipping would be to 29206, and I will refund you, if it is not already spoken for.

Robert
KG4KGL

> On Oct 5, 2013, at 17:37, Louis Vermond <ldvermond@...> wrote:
>
> Sorry to keep you waiting, Mark.
>
> First of all, of course your REL rx is very FB OM. Please tell us the full story. How you found it. Restorations. Performance...and on. Please...
>
> My kind of guy! Sends not one photo, but several and LARGE. Thank you..
>
> Can you use the form below?
>
> The condx of this form is as it was manufactured. As well, there are no cracks, chips etc. I cleaned it in the early 80s setting it aside for that "one day" project.
>
> I used the form to dup the 80 mtr coil that came with the 175. Wanted to verify that the grid tap was optimum. It was not.
>
> This form free to a good home.
>
> 73, Lou
> <vic and wilbur 002.jpg>
>
> <vic and wilbur 003.jpg>
>
>
>

8320. Re: [AWA Group] Attn: Mark / REL Form

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-06 19:18:07 UTC
From: KG4KGL
Topic: 8316 Message: 8320

Never mind Lou, I see Mark already replied to you.

Robert
KG4KGL

> On Oct 5, 2013, at 17:37, Louis Vermond <ldvermond@...> wrote:
>
> Sorry to keep you waiting, Mark.
>
> First of all, of course your REL rx is very FB OM. Please tell us the full story. How you found it. Restorations. Performance...and on. Please...
>
> My kind of guy! Sends not one photo, but several and LARGE. Thank you..
>
> Can you use the form below?
>
> The condx of this form is as it was manufactured. As well, there are no cracks, chips etc. I cleaned it in the early 80s setting it aside for that "one day" project.
>
> I used the form to dup the 80 mtr coil that came with the 175. Wanted to verify that the grid tap was optimum. It was not.
>
> This form free to a good home.
>
> 73, Lou
> <vic and wilbur 002.jpg>
>
> <vic and wilbur 003.jpg>
>
>
>

8321. Mark - REL Coil - 175 Rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-08 02:08:58 UTC
From: Louis Vermond
Topic: 8321 Message: 8321
Attachments: 6 described; binary payloads are missing from this source WARC

Hello Mark,

First of all, after you joined the Group I went to your site, opened it and said aloud, "That Mark!" I've been visiting your site for several years now. ...FB

Sorry for the delay in getting back to you, my mouse died last night.

I would be happy to accept your coil form, it would be nice to wind something for 40 meters. The form is boxed, addressed and will be in the mail tomorrow Tuesday. Will this mean another 40 metre Kelley Party station to work?

Lou, do you have any close-up pics of the REL transmitter? The rig was an eBay find of two years ago. I have the front and back eBay photos. See below.

This rig's complete story is somewhat complex. There is even a mystery or two involved. If there is interest here I will tell that story in full after I have completed the restoration in a few weeks from now.

As you and others here may have realized this is not a stock 175 transmitter. After a close look you will see that it is more IHMS then REL.

This rig made it over to England. Due to the high number of late 1920s early 30s English part substitutes it may have been little more then a carcass. At this time I will identify only the original REL components saving a description of the English parts and modifications for later.

Again, these are eBay photos, there are no hi-rez versions available. (I agree with you, Mike.)

Only the front panel.

Two variables condensers, two Sangamos, tank coil / socket and baseboard.

Except possibly for the feet, nothing here is original.

Last winter after I restored the parts I built this "R&D" version to become familiar and prove the original Hartley circuit. With this, received an RST 348 from VE7SL on 80 at 2 watts out using a Marconi-Osram LS5 a popular valve with the English hams of that time. Now disassembled for the final build.

There is no sign of potsmetal deterioration ...Glory!

8322. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-08 11:54:24 UTC
From: Louis Vermond
Topic: 130 Message: 8322

What is it?

http://www.ebay.co.uk/itm/VINTAGE-VALVE-TESTER-WITH-TRIPLETT-ANALOGUE-METER-RAYTHEON-CPR-6SN7-TUBE-VALVE/281181943149?rt=nc&_trksid=p2047675.m1851&_trkparms=aid%3D222002%26algo%3DSIC.FIT%26ao%3D1%26asc%3D286%26meid%3D1837040268570458573%26pid%3D100005%26prg%3D1048%26rk%3D2%26rkt%3D5%26sd%3D171144777467%26#ht_2731wt_904

8323. REL 175 rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-08 15:32:52 UTC
From: mbdittmar@...
Topic: 8323 Message: 8323

Lou,

Thanks a lot for the coil ! Let me at least re-imburse you for the shipping OM !

Yes, I will put a rig on 40 meters, although I haven't decided what variety. It will likely be just a basic Hartley oscillator.running a 10 or perhaps a push-pull with a pair of 45s. Haven't decided yet which receiver I will use. I'm going to try and have my 80m MOPA and Hartley both on this year as well. Will be interesting to try a few different rigs.

Thanks for the additional pictures. Can't wait to see your final restoration of the REL-175 !

73

Mark ABØCW

----- Original Message -----
From: Louis Vermond
To: AWAGroup
Sent: Monday, October 07, 2013 8:08 PM
Subject: [AWA Group] Mark - REL Coil - 175 Rig

Hello Mark,

First of all, after you joined the Group I went to your site, opened it and said aloud, "That Mark!" I've been visiting your site for several years now. ...FB

Sorry for the delay in getting back to you, my mouse died last night.

I would be happy to accept your coil form, it would be nice to wind something for 40 meters. T he form is boxed, addressed and will be in the mail tomorrow Tuesday . Will this mean another 40 metre Kelley Party station to work?

Lou, do you have any close-up pics of the REL transmitter? The rig was an eBay find of two years ago. I have the front and back eBay photos. See below.

This rig's complete story is somewhat complex. There is even a mystery or two involved. If there is interest here I will tell that story in full after I have completed the restoration in a few weeks from now.

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This rig made it over to England. Due to the high number of late 1920s early 30s English part substitutes it may have been little more then a carcass. At this time I will identify only the original REL components saving a description of the English parts and modifications for later.

Again, these are eBay photos, there are no hi-rez versions available. (I agree with you, Mike.)

8324. Re: REL 175 rig

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-08 18:37:19 UTC
From: Louis Vermond
Topic: 8323 Message: 8324

Hello Mark,

The form is in the mail.

Let me at least re-imburse you for the shipping OM ! If you wish, thank you. The postage will not break ether one of us. Wait until it arrives.

Yes, I will put a rig on 40 meters, although I haven't decided what variety. It will likely be just a basic Hartley oscillator.running a 10 or perhaps a push-pull with a pair of 45s. Haven't decided yet which receiver I will use. I'm going to try and have my 80m MOPA and Hartley both on this year as well. Will be interesting to try a few different rigs. Great! Looking forward to working Colorado.

73, Lou
VE3AWA

8325. Further Kelley party 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-08 21:41:34 UTC
From: Louis Vermond
Topic: 8325 Message: 8325
Attachments: 1 described; binary payloads are missing from this source WARC

Ok, the grid coil is covered, now the tank coil.

Wound on 3" dia. form

Wire gauge - #8 (3.26 mm)

Truns spacing?

Tank capacity max.- 500 mmfd.

How many turns are required?

As well, this form will be mounted on TNT tank coil beehives. There is a "trick" to marking a tube lengthwise so the end mounting holes align. How it that done?

Tks, Lou
VE3AWA

8326. RE: [AWA Group] Further Kelley party 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-08 21:49:52 UTC
From: Mike Feher
Topic: 8325 Message: 8326
Attachments: 1 described; binary payloads are missing from this source WARC

While you agree - you still insist on inserting photos rather than attaching them.

One easy way, and I am sure there are many, provided the ends are true, then stand it on its end on a flat surface, and then place a 30/60/90 triangle next to it. Mark as desired. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Tuesday, October 08, 2013 5:42 PM
To: AWAGroup
Subject: [AWA Group] Further Kelley party 160

Ok, the grid coil is covered, now the tank coil.

Wound on 3" dia. form

Wire gauge - #8 (3.26 mm)

Truns spacing?

Tank capacity max.- 500 mmfd.

How many turns are required?

As well, this form will be mounted on TNT tank coil beehives. There is a "trick" to marking a tube lengthwise so the end mounting holes align. How it that done?

Tks, Lou

VE3AWA

8327. Re: [AWA Group] Further Kelley party 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-08 22:41:58 UTC
From: Eddy Swynar
Topic: 8325 Message: 8327

On 2013-10-08, at 5:41 PM, Louis Vermond wrote:

>
> Ok, the grid coil is covered, now the tank coil.
>
> Wound on 3" dia. form
>
> Wire gauge - #8 (3.26 mm)
>
> Truns spacing?
>
> Tank capacity max.- 500 mmfd.
>
> How many turns are required?
>
> As well, this form will be mounted on TNT tank coil beehives. There is a "trick" to marking a tube lengthwise so the end mounting holes align. How it that done?
>
> Tks, Lou
> VE3AWA
>

Hi Lou,

Any early ediion of the ARRL RADIO AMATEUR'S HANDBOOK is your friend...

~73~ de Eddy VE3CUI - VE3XZ

8328. Re: [AWA Group] Further Kelley party 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-08 22:42:53 UTC
From: N1BUG
Topic: 8325 Message: 8328

Using #12 wire on a 3" OD bakelite tube I wound 22 turns spaced such that it took up the 4-1/2" length available between beehives. This worked but I wasn't happy with the 500 mmfd variable half meshed. I removed turns until, with 19 turns (spaced to use the entire 4-1/2", it resonates with the cap about 80% meshed, same as on 80 meters. Oops! I mean metres. :)

I very carefully measured the distance between posts on the 'hives, then very carefully measured and marked the form, then very carefully drilled holes, starting with a very small bit and working my way up. I drilled one hole to full size, but left the other a bit smaller. I then used a small round file to "trim" the remaining hole to size, which allowed me to move it in either direction every so slightly for a perfect fit on the 'hives. It helps that I have a drill press and large V blocks.

Bugsy

On 10/08/2013 05:41 PM, Louis Vermond wrote:

Ok, the grid coil is covered, now the tank coil.

?

Wound on 3" dia. form

?

Wire gauge - #8? (3.26 mm)

?

Truns?spacing?

?

Tank capacity max.- 500 mmfd.

?

How many turns are required?

?

As well,? this form will be mounted on?TNT tank coil beehives. There is a "trick" to marking a tube lengthwise so the?end mounting holes align. How it that done?

?

Tks, Lou

VE3AWA

?

8329. Still around

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-09 01:12:39 UTC
From: <dulmagedon@...>
Topic: 8329 Message: 8329

Had my 45 tube Hartley on air today. Have it working well on AM now with my HB cathode modulator.. Works well on 40M but doesn't work as well on 20M although it does work. Might be tube freq deal. I don't know. Lost my old style 45 tube (heater died finally) and now have a newer style in the hole. Would like to find a bigger more powerful tube to replace the 45 but a drop in and a vintage tube for sure..
Don VE3LYX

8330. Re: [AWA Group] Further Kelley party 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-09 08:59:39 UTC
From: Louis Vermond
Topic: 8325 Message: 8330
Attachments: 1 described; binary payloads are missing from this source WARC

GM Paul and tks,

OK, you've given me a starting point.

I then used a small round file to "trim" the remaining hole to size.. This is good.

large V blocks... Yes, good to have.

Oops! I mean metres. :)

8331. Re: [AWA Group] Further Kelley party 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-09 09:47:32 UTC
From: Louis Vermond
Topic: 8325 Message: 8331

Odd. QV came through, but not the text. Anyway...

GM Paul and tks,

OK, you've given me a starting point.

I then used a small round file to "trim" the remaining hole to size.. This is good.

large V blocks... Yes, good to have.

On with the winding. 73, Lou

8332. [AWA Group] Further Kelley party 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-09 11:07:23 UTC
From: Louis Vermond
Topic: 8325 Message: 8332
Attachments: 1 described; binary payloads are missing from this source WARC

One easy way, and I am sure there are many, provided the ends are true, then stand it on its end on a flat surface, and then place a 30/60/90 triangle next to it. Mark as desired. 73 - Mike Thank you, Mike.

While you agree - you still insist on inserting photos rather than attaching them. My understanding of your earlier request was that if a text pasted photo calls for a closer study, I should also include a large version of that photo as an attachment. Is there something I am missing?

73, Lou

8333. RE: Still around

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-09 11:27:27 UTC
From: <dulmagedon@...>
Topic: 8329 Message: 8333

BTW I have the receiver in the picture . Mine was made by Starr Metal Products in Toronto Ontario Canada and has an oak cabinet and lid. It is sitting on a shelf right behind me and still works too.
Don

---In AWAGroup@yahoogroups.com, <awagroup@yahoogroups.com> wrote:

Had my 45 tube Hartley on air today. Have it working well on AM now with my HB cathode modulator.. Works well on 40M but doesn't work as well on 20M although it does work. Might be tube freq deal. I don't know. Lost my old style 45 tube (heater died finally) and now have a newer style in the hole. Would like to find a bigger more powerful tube to replace the 45 but a drop in and a vintage tube for sure..
Don VE3LYX

8334. Re: [AWA Group] Further Kelley party 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-09 12:17:41 UTC
From: KG4KGL
Topic: 8325 Message: 8334

Robert
KG4KGL

> On Oct 8, 2013, at 17:49, "Mike Feher" <n4fs@...> wrote:
>
> While you agree – you still insist on inserting photos rather than attaching them.
>
>
>
> One easy way, and I am sure there are many, provided the ends are true, then stand it on its end on a flat surface, and then place a 30/60/90 triangle next to it. Mark as desired.
73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
> From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
> Sent: Tuesday, October 08, 2013 5:42 PM
> To: AWAGroup
> Subject: [AWA Group] Further Kelley party 160
>
>
>
>
>
> Ok, the grid coil is covered, now the tank coil.
>
>
>
> Wound on 3" dia. form
>
>
>
> Wire gauge - #8 (3.26 mm)
>
>

>
> Truns spacing?
>
>
>
> Tank capacity max.- 500 mmfd.
>
>
>
> How many turns are required?
>
>
>
> As well, this form will be mounted on TNT tank coil beehives. There is a "trick" to marking a tube lengthwise so the end mounting holes align. How it that done?
>
>
>
> Tks, Lou
>
> VE3AWA
>
>
>
> <image001.jpg>
>
>
>

8335. Further Kelley party 160 & KG4KGL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-09 12:35:44 UTC
From: Louis Vermond
Topic: 8335 Message: 8335

Robert
KG4KGL

You've reminded me...

Sorry that I have only the one REL form available. If I notice one on eBay will verify that you know about it.

73, Lou

8336. Re: [AWA Group] Further Kelley party 160 & KG4KGL

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-09 12:44:08 UTC
From: KG4KGL
Topic: 8335 Message: 8336

Thanks Lou.

Robert
KG4KGL

> On Oct 9, 2013, at 8:35, Louis Vermond <ldvermond@...> wrote:
>
> □
>
> Robert
> KG4KGL
>
> You've reminded me...
>
> Sorry that I have only the one REL form available. If I notice one on eBay will verify that you know about it.
>
> 73, Lou
>

8337. RE: [AWA Group] Further Kelley party 160 [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-09 13:13:14 UTC
From: Mike Feher
Topic: 8325 Message: 8337
Attachments: 1 described; binary payloads are missing from this source WARC

Yes - that is true. I would like to know more about the tube you pictured below. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, October 09, 2013 7:07 AM
To: AWAGroup
Subject: [AWA Group] Further Kelley party 160 [1 Attachment]

One easy way, and I am sure there are many, provided the ends are true, then stand it on its end on a flat surface, and then place a 30/60/90 triangle next to it. Mark as desired. 73 - Mike Thank you, Mike.

While you agree - you still insist on inserting photos rather than attaching them. My understanding of your earlier request was that if a text pasted photo calls for a closer study, I should also include a large version of that photo as an attachment. Is there something I am missing?

73, Lou

8338. Re: [AWA Group] Larry & Spark coil

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-09 20:42:57 UTC
From: Louis Vermond
Topic: 8310 Message: 8338

How about a 200 metre SKED?

Our precious respective governments would whack us ;-) Well, maybe, but imagine this... Wednesday 3AM. 1900kc.. Antenna link coil. QRP. Band pass filtre.

OK. You identify first ;-)

No sweat, Larry... NE1S de 1AW K

8339. tube you pictured below

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-09 22:29:17 UTC
From: Louis Vermond
Topic: 8339 Message: 8339
Attachments: 4 described; binary payloads are missing from this source WARC

I would like to know more about the tube you pictured below. 73 - Mike

Hi Mike,

It is a Marconi-Osram LS5A one of the LS5 series.

73, Lou

My 'collection'
LS5 (early 30s) LS5A & LS5 (ca. 1927)

8340. *gasp*choke*wheeze*

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-10 16:03:32 UTC
From: Louis Vermond
Topic: 8340 Message: 8340

via KK7UV

http://www.ebay.com/itm/190926417003?ru=http%3A%2F%2Fwww.ebay.com%2Fsch%2Fi.html%3F_sacat%3D0%26_from%3DR40%26_nkw%3D190926417003%26_rdc%3D1#ht_6240wt_1248

8341. Re: [AWA Group] *gasp*choke*wheeze*

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-10 16:08:27 UTC
From: Eddy Swynar
Topic: 8340 Message: 8341

Mama-mia, ai caramba, & all that jazz...!!!

~73~ de Eddy VE3CUI - VE3XZ

On 2013-10-10, at 12:03 PM, Louis Vermond wrote:

>
> via KK7UV
>
> http://www.ebay.com/itm/190926417003?ru=http%3A%2F%2Fwww.ebay.com%2Fsch%2Fi.html%3F_sacat%3D0%26_from%3DR40%26_nkw%3D190926417003%26_rdc%3D1#ht_6240wt_1248
>
>
>

8342. RE: [AWA Group] *gasp*choke*wheeze*

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-10 16:26:51 UTC
From: barry whittemore
Topic: 8340 Message: 8342

and only $100 shipping.

To: AWAGroup@yahoogroups.com
From: ldvermond@...
Date: Thu, 10 Oct 2013 12:03:32 -0400
Subject: [AWA Group] *gasp*choke*wheeze*

via KK7UV

http://www.ebay.com/itm/190926417003?ru=http%3A%2F%2Fwww.ebay.com%2Fsch%2Fi.html%3F_sacat%3D0%26_from%3DR40%26_nkw%3D190926417003%26_rdc%3D1#ht_6240wt_1248

8343. Re: [AWA Group] *gasp*choke*wheeze*

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-10 16:48:03 UTC
From: Roger Kuchera
Topic: 8340 Message: 8343

Gott und Himmel!!

From: Eddy Swynar <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, October 10, 2013 12:08 PM
Subject: Re: [AWA Group] *gasp*choke*wheeze*

Mama-mia, ai caramba, & all that jazz...!!!

~73~ de Eddy VE3CUI - VE3XZ

On 2013-10-10, at 12:03 PM, Louis Vermond wrote:

>
>
>via KK7UV
>
>http://www.ebay.com/itm/190926417003?ru=http%3A%2F%2Fwww.ebay.com%2Fsch%2Fi.html%3F_sacat%3D0%26_from%3DR40%26_nkw%3D190926417003%26_rdc%3D1#ht_6240wt_1248
>
>
>

8344. Re: [AWA Group] *gasp*choke*wheeze*

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-10 17:02:54 UTC
From: Roger Kuchera
Topic: 8340 Message: 8344

Cheap at twice the price! I wonder if it is to be hand-delivered?

Roger.

From: barry whittemore <wb1edi@hotmail.com>
To: awa <awagroup@yahoogroups.com>
Sent: Thursday, October 10, 2013 12:26 PM
Subject: RE: [AWA Group] *gasp*choke*wheeze*

and only $100 shipping.

To: AWAGroup@yahoogroups.com
From: ldvermond@...
Date: Thu, 10 Oct 2013 12:03:32 -0400
Subject: [AWA Group] *gasp*choke*wheeze*

via KK7UV

http://www.ebay.com/itm/190926417003?ru=http://www.ebay.com/sch/i.html?_sacat%3D0%26_from%3DR40%26_nkw%3D190926417003%26_rdc%3D1#ht_6240wt_1248

8345. meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-10 22:23:04 UTC
From: Jim Robson
Topic: 8345 Message: 8345

AWA Group friends--I am having some trouble locating an appropriate rf meter for a Hartley circuit. Found this mod below:

http://w5jgv.com/rfa-2/rfa-2.htm

Would anybody with more knowledge than I, which is likely everybody, have a moment to comment? Will it work?

73, Jim/VE3BHK

8346. Re: [AWA Group] meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-10 21:10:21 UTC
From: mbdittmar@...
Topic: 8345 Message: 8346

I use this scheme with my LF transmitter at 186 kHz (experimental license WG2XNI). Works great. You need to use schottky diodes though.

73 Mark ABØCW

----- Original Message -----

From: "Jim Robson" <nc101x@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, October 10, 2013 6:23:04 PM
Subject: [AWA Group] meter

AWA Group friends--I am having some trouble locating an appropriate rf meter for a Hartley circuit. Found this mod below:

http://w5jgv.com/rfa-2/rfa-2.htm

Would anybody with more knowledge than I, which is likely everybody, have a moment to comment? Will it work?

73, Jim/VE3BHK

8347. Re: [AWA Group] meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-10 22:36:20 UTC
From: Jim Robson
Topic: 8345 Message: 8347

Thanks, Mark. Any concerns on 80M?

On 10/10/13 5:10 PM, mbdittmar@... wrote:
>
> I use this scheme with my LF transmitter at 186 kHz (experimental
> license WG2XNI). Works great. You need to use schottky diodes though.
>
> 73 Mark ABØCW
>
> ---
>
> *From: *"Jim Robson" <nc101x@...>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Thursday, October 10, 2013 6:23:04 PM
> *Subject: *[AWA Group] meter
>
> AWA Group friends--I am having some trouble locating an appropriate rf
> meter for a Hartley circuit. Found this mod below:
>
> http://w5jgv.com/rfa-2/rfa-2.htm
>
> Would anybody with more knowledge than I, which is likely everybody,
> have a moment to comment? Will it work?
>
> 73, Jim/VE3BHK
>

8348. Re: Meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-13 22:52:03 UTC
From: JAMES HANLON
Topic: 8348 Message: 8348

Jim,

In the old days folks just used a low current pilot bulb or flashlight bulb in series with the antenna feed line as an indicator of RF current. You tuned up with the bulb in the circuit and then shorted it out when things were properly adjusted. If there was too much current and the bulb was too bright, you put a couple of clip leads on the bulb and clipped it in shunt along an appropriate length of the feedline. You could not get an accurate measurement of the amount of current that way unless you had another bulb with known current going through it to compare it to, but you could certainly tune for max current in the feedline.

73,

Jim, W8KGI

8349. Re: [AWA Group] Re: Meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-14 01:55:09 UTC
From: Louis Vermond
Topic: 8348 Message: 8349
Attachments: 1 described; binary payloads are missing from this source WARC

...pilot bulb or flashlight bulb in series... This works for the plate milliamp metre as well, Jim.

In the old days folks just used a low current pilot bulb or flashlight bulb in series with the antenna feed line as an indicator of RF current.

8350. Re: [AWA Group] Re: Meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-14 16:02:28 UTC
From: Jim Robson
Topic: 8348 Message: 8350
Attachments: 1 described; binary payloads are missing from this source WARC

What about this guy?
http://www.ebay.com/itm/SIMPSON-35R-R-F-AMPERES-MR36W001RFAAR-3-1-4-ROUND-NEW-OLD-STOCK/290803078186?_trksid=p2045573.m2042&_trkparms=aid%3D111000%26algo%3DREC.CURRENT%26ao%3D1%26asc%3D17823%26meid%3D1978962245657099722%26pid%3D100033%26prg%3D8234%26rk%3D1%26rkt%3D4%26sd%3D290803078186%26
Here is a different parts list: http://members.shaw.ca/ve7sl/hartley.html

Thanks, Lou. Happy Thanksgiving.

On 13/10/13 9:55 PM, Louis Vermond wrote:
>
> ...pilot bulb or flashlight bulb in series... This works for the plate
> milliamp metre as well, Jim.
> In the old days folks just used a low current pilot bulb or flashlight
> bulb in series with the antenna feed line as an indicator of RF current.
>

8351. Re: [AWA Group] Re: Meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-14 17:25:11 UTC
From: Jim Robson
Topic: 8348 Message: 8351
Attachments: 4 described; binary payloads are missing from this source WARC

AWA Group friends: friendly fyi, this is the rig I am attempting to
build. It is from an NRI training manual. Looks like there'll have to
be some concessions.... 73, Jim/VE3
BHK

NRI 1926 Rig B Top View 2500.jpg

On 14/10/13 12:02 PM, Jim Robson wrote:
> What about this guy?
> http://www.ebay.com/itm/SIMPSON-35R-R-F-AMPERES-MR36W001RFAAR-3-1-4-ROUND-NEW-OLD-STOCK/
290803078186?_trksid=p2045573.m2042&_trkparms=aid%3D111000%26algo%3DREC.CURRENT%26ao%3D1%2
6asc%3D17823%26meid%3D1978962245657099722%26pid%3D100033%26prg%3D8234%26rk%3D1%26rkt%3D4%2
6sd%3D290803078186%26
> Here is a different parts list: http://members.shaw.ca/ve7sl/hartley.html
>
> Thanks, Lou. Happy Thanksgiving.
>
>
> On 13/10/13 9:55 PM, Louis Vermond wrote:
>> ...pilot bulb or flashlight bulb in series... This works for the
>> plate milliamp metre as well, Jim.
>> In the old days folks just used a low current pilot bulb or
>> flashlight bulb in series with the antenna feed line as an indicator
>> of RF current.

8352. Re: [AWA Group] Re: Meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-14 18:57:40 UTC
From: Bill Stewart
Topic: 8348 Message: 8352
Attachments: 4 described; binary payloads are missing from this source WARC

Jim, Looks like a great project. Is this info on the web, or did you scan it. Is the tube a '01A? Tnx for the posting and good luck with the build.. ..you have 'til the Dec BK..hi. 73 de Bill K4JYS ----- Original Message ----- From: "Jim Robson" To: AWAGroup@yahoogroups.com Sent: Monday, October 14, 2013 1:25:11 PM Subject: Re: [AWA Group] Re: Meter AWA Group friends: friendly fyi, this is the rig I am attempting to build. It is from an NRI training manual. Looks like there'll have to be some concessions.... 73, Jim/VE3 BHK NRI 1926 Rig B Top View 2500.jpg On 14/10/13 12:02 PM, Jim Robson wrote: What about this guy? http://www.ebay.com/itm/SIMPSON-35R-R-F-AMPERES-MR36W001RFAAR-3-1-4-ROUND-NEW-OLD-STOCK/290803078186?_trksid=p2045573.m2042&_trkparms=aid%3D111000%26algo%3DREC.CURRENT%26ao%3D1%26asc%3D17823%26meid%3D1978962245657099722%26pid%3D100033%26prg%3D8234%26rk%3D1%26rkt%3D4%26sd%3D290803078186%26 Here is a different parts list: http://members.shaw.ca/ve7sl/hartley.html Thanks, Lou. Happy Thanksgiving. On 13/10/13 9:55 PM, Louis Vermond wrote:
...pilot bulb or flashlight bulb in series... This works for the plate milliamp metre as well, Jim. In the old days folks just used a low current pilot bulb or flashlight bulb in series with the antenna feed line as an indicator of RF current.

8353. Re: [AWA Group] Re: Meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-14 20:38:24 UTC
From: Jim Robson
Topic: 8348 Message: 8353
Attachments: 4 described; binary payloads are missing from this source WARC

Hi Bill--my friend Lou, VE3BDV scanned it from a pamphlet I have. The tube is a 10, I think, but I will favour a 01A. Thanks for the best wishes. 73, Jim/VE3BHK

On 14/10/13 2:57 PM, Bill Stewart wrote:
>
> Jim,
>
> Looks like a great project. Is this info on the web, or did you scan
> it. Is the tube
>
> a '01A? Tnx for the posting and good luck with the build....you have
> 'til the Dec BK..hi.
>
> 73 de Bill K4JYS
>
> ---
> *From: *"Jim Robson" <nc101x@...>
> *To: *AWAGroup@yahoogroups.com
> *Sent: *Monday, October 14, 2013 1:25:11 PM
> *Subject: *Re: [AWA Group] Re: Meter
>
> AWA Group friends: friendly fyi, this is the rig I am attempting to
> build. It is from an NRI training manual. Looks like there'll have
> to be some concessions.... 73, Jim/VE3
> BHK
>
> NRI 1926 Rig B Top View 2500.jpg
>
>
>
>
> On 14/10/13 12:02 PM, Jim Robson wrote:
>
> What about this guy?
> http://www.ebay.com/itm/SIMPSON-35R-R-F-AMPERES-MR36W001RFAAR-3-1-4-ROUND-NEW-OLD-STOCK/290803078186?_trksid=p2045573.m2042&_trkparms=aid%3D111000%26algo%3DREC.CURRENT%26ao%3D1%26asc%3D17823%26meid%3D1978962245657099722%26pid%3D100033%26prg%3D8234%26rk%3D1%26rkt%3D4%26sd%3D290803078186%26
> Here is a different parts list:
> http://members.shaw.ca/ve7sl/hartley.html
>
> Thanks, Lou. Happy Thanksgiving.
>

>
> On 13/10/13 9:55 PM, Louis Vermond wrote:
>
> ...pilot bulb or flashlight bulb in series... This works for
> the plate milliamp metre as well, Jim.
> In the old days folks just used a low current pilot bulb or
> flashlight bulb in series with the antenna feed line as an
> indicator of RF current.
>
>

8354. Re: [AWA Group] Re: Meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-15 02:57:19 UTC
From: Louis Vermond
Topic: 8348 Message: 8354
Attachments: 4 described; binary payloads are missing from this source WARC

The tube is a 10, I think, ... I believe it's a 201A, Jim.

Lou
----- Original Message -----

From: Jim Robson
To: AWAGroup@yahoogroups.com
Sent: 2013-10-14 4:38 PM
Subject: Re: [AWA Group] Re: Meter

Hi Bill--my friend Lou, VE3BDV scanned it from a pamphlet I have. The tube is a 10, I think, but I will favour a 01A. Thanks for the best wishes. 73, Jim/VE3BHK

On 14/10/13 2:57 PM, Bill Stewart wrote:
Jim,

Looks like a great project. Is this info on the web, or did you scan it. Is the tube

a '01A? Tnx for the posting and good luck with the build....you have 'til the Dec BK..hi.

73 de Bill K4JYS

From: "Jim Robson" <nc101x@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, October 14, 2013 1:25:11 PM
Subject: Re: [AWA Group] Re: Meter

AWA Group friends: friendly fyi, this is the rig I am attempting to build. It is from an NRI training manual. Looks like there'll have to be some concessions.... 73, Jim/VE3 BHK

NRI 1926 Rig B Top View 2500.jpg

On 14/10/13 12:02 PM, Jim Robson wrote:
What about this guy? http://www.ebay.com/itm/SIMPSON-35R-R-F-AMPERES-MR36W001RFAAR-3-1-4-ROUND-NEW-OLD-STOCK/290803078186?_trksid=p2045573.m2042&_trkparms=aid%3D111000%26algo%3DREC.CURRENT%26ao%3D1%26asc%3D17823%26meid%3D1978962245657099722%26pid%3D100033%26prg%3D8234%26rk%3D1%26rkt%3D4%26sd%3D290803078186%26
Here is a different parts list: http://members.shaw.ca/ve7sl/hartley.html

Thanks, Lou. Happy Thanksgiving.

On 13/10/13 9:55 PM, Louis Vermond wrote:

...pilot bulb or flashlight bulb in series... This works for the plate milliamp metre as well, Jim.

In the old days folks just used a low current pilot bulb or flashlight bulb in series with the antenna feed line as an indicator of RF current.

8355. RE: RE: Still around

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-15 12:03:03 UTC
From: <dulmagedon@...>
Topic: 8329 Message: 8355

I took a photo early this morning of my 1 tube (00A) regen that looks exactly like the one in the posted picture above. I added (for the sake of convenience to my two 01a regen album should anyone wish to take a peek. It still works too and well.
Don VE3LYX

---In AWAGroup@yahoogroups.com, <awagroup@yahoogroups.com> wrote:

BTW I have the receiver in the picture . Mine was made by Starr Metal Products in Toronto Ontario Canada and has an oak cabinet and lid. It is sitting on a shelf right behind me and still works too.
Don

---In AWAGroup@yahoogroups.com, <awagroup@yahoogroups.com> wrote:

Had my 45 tube Hartley on air today. Have it working well on AM now with my HB cathode modulator.. Works well on 40M but doesn't work as well on 20M although it does work. Might be tube freq deal. I don't know. Lost my old style 45 tube (heater died finally) and now have a newer style in the hole. Would like to find a bigger more powerful tube to replace the 45 but a drop in and a vintage tube for sure..
Don VE3LYX

8356. Re: [AWA Group] Re: Meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-15 13:13:46 UTC
From: Larry Szendrei
Topic: 8348 Message: 8356

On 10/14/13 10:57 PM, Louis Vermond wrote:
>
> □
>
> The tube is a 10, I think, ... I believe it's a 201A, Jim.
> Lou
>
I agree - A '10 would hog way too much A and B battery current to make a practical battery-powered transmitter. A '10 is also physically larger than the tube in the photo.

Very cool project, Jim - keep us posted on the progress!

73,
-Larry/NE1S

8357. Re: Meter & VE3BHK N3IBX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-15 13:21:06 UTC
From: Louis Vermond
Topic: 8357 Message: 8357

I agree - A '10 would hog way too much A and B battery current to make a practical battery-powered transmitter. A '10 is also physically larger than the tube in the photo. Yes & yes...

7:30PM 3845 Tonight? Lou

8358. Re: [AWA Group] Re: Meter & VE3BHK N3IBX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-15 16:31:19 UTC
From: Larry Szendrei
Topic: 8357 Message: 8358

On 10/15/13 9:21 AM, Louis Vermond wrote:
>
> 7:30PM 3845 Tonight? Lou
>

I think so... What's the occasion?

8359. Get ready to rethink the word, "workmanship".

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-15 16:37:22 UTC
From: Louis Vermond
Topic: 8359 Message: 8359

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=151142943930&ssPageName=ADME:B:SS:US:3160

8360. Re: [AWA Group] Re: Meter & VE3BHK N3IBX

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-15 16:43:04 UTC
From: Louis Vermond
Topic: 8357 Message: 8360

I think so... What's the occasion? Larry

N3IBX, VE3NNG, VE3BHK and I have a weekly Tuesday SSB gathering called the Maple Syrup Net. Talk ranges from aviation thru OT ham gear. All welcome...

7:30PM / 3845 Lou

8361. RE: [AWA Group] Get ready to rethink the word, "workmanship".

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-15 16:56:35 UTC
From: Steve Flood
Topic: 8359 Message: 8361

Did you see you can buy it as a kit?

His website has lots of custom parts also. http://galenacenturyradio.com/

- Steve, KK7UV

8362. Re: [AWA Group] Re: Meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-15 22:23:12 UTC
From: Jim Robson
Topic: 8348 Message: 8362
Attachments: 4 described; binary payloads are missing from this source WARC

Thanks, Lou. Even better. Jim.

On 14/10/13 10:57 PM, Louis Vermond wrote:
>
> □
>
> The tube is a 10, I think, ... I believe it's a 201A, Jim.
> Lou
>
> ----- Original Message -----
> *From:* Jim Robson <mailto:nc101x@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2013-10-14 4:38 PM
> *Subject:* Re: [AWA Group] Re: Meter
>
> Hi Bill--my friend Lou, VE3BDV scanned it from a pamphlet I have.
> The tube is a 10, I think, but I will favour a 01A. Thanks for
> the best wishes. 73, Jim/VE3BHK
>
> On 14/10/13 2:57 PM, Bill Stewart wrote:
>>
>> Jim,
>>
>> Looks like a great project. Is this info on the web, or did you
>> scan it. Is the tube
>>
>> a '01A? Tnx for the posting and good luck with the build....you
>> have 'til the Dec BK..hi.
>>
>> 73 de Bill K4JYS
>>
>> ---
>> *From: *"Jim Robson" <nc101x@...>
>> *To: *AWAGroup@yahoogroups.com
>> *Sent: *Monday, October 14, 2013 1:25:11 PM
>> *Subject: *Re: [AWA Group] Re: Meter
>>
>> AWA Group friends: friendly fyi, this is the rig I am attempting
>> to build. It is from an NRI training manual. Looks like
>> there'll have to be some concessions.... 73, Jim/VE3
>> BHK
>>
>> NRI 1926 Rig B Top View 2500.jpg

>>
>>
>>
>>
>> On 14/10/13 12:02 PM, Jim Robson wrote:
>>
>> What about this guy?
>> http://www.ebay.com/itm/SIMPSON-35R-R-F-AMPERES-MR36W001RFAAR-3-1-4-ROUND-NEW-OLD-STOCK/290803078186?_trksid=p2045573.m2042&_trkparms=aid%3D111000%26algo%3DREC.CURRENT%26ao%3D1%26asc%3D17823%26meid%3D1978962245657099722%26pid%3D100033%26prg%3D8234%26rk%3D1%26rkt%3D4%26sd%3D290803078186%26
>> Here is a different parts list:
>> http://members.shaw.ca/ve7sl/hartley.html
>>
>> Thanks, Lou. Happy Thanksgiving.
>>
>>
>> On 13/10/13 9:55 PM, Louis Vermond wrote:
>>
>> ...pilot bulb or flashlight bulb in series... This works
>> for the plate milliamp metre as well, Jim.
>> In the old days folks just used a low current pilot bulb
>> or flashlight bulb in series with the antenna feed line
>> as an indicator of RF current.
>>
>>
>

8363. Weston

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-16 02:35:41 UTC
From: Louis Vermond
Topic: 8363 Message: 8363
Attachments: 2 described; binary payloads are missing from this source WARC

This 100 ma. DC mtr pins at a few mils.

Was there a resister between the two lugs at top? If so, how do I determine the value?

8364. Re: [AWA Group] Weston

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-16 03:29:00 UTC
From: Roger Kuchera
Topic: 8363 Message: 8364
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Lou,
     It just so happens I have one like that. They must have mounted the shunt externally. That is somewhat unusual.

CUL, Roger/K1TG

From: Louis Vermond <ldvermond@sympatico.ca>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Tuesday, October 15, 2013 10:35 PM
Subject: [AWA Group] Weston

This 100 ma. DC mtr pins at a few mils.

Was there a resister between the two lugs at top? If so, how do I determine the value?

8365. RE: Weston

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-16 11:01:29 UTC
From: <kk7uv@...>
Topic: 8363 Message: 8365

It looks like there may have been a shunt R in there Lou. Perhaps it's a 1mA movement?

You'll have to determine the current that gives you full scale needle deflection.
Place the meter-under-test in series with an ammeter/multimeter, a 10k pot set to max resistance, and a 1.5v battery. This will set the max current to about 0.15 mA. Reduce the pot resistance until the meter-under-test deflects to full scale, then note the current reading on the multimeter.

If it is a 1mA movement, but the scale is 100mA, then you'll need a parallel shunt R to handle 99mA.
I sent you a handy paper for determining shunt value, or link to it here:

www.jaycar.com.au/images_uploaded/shuntmul.pdf

- KK7UV

8366. Re: [AWA Group] RE: Weston

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-16 11:16:28 UTC
From: N1BUG
Topic: 8363 Message: 8366

Excellent paper Steve pointed out. To chime in with a couple of comments...

On a quick perusal I didn't see it mentioned in that paper that if you need a shunt with a fraction of an ohm resistance you can often make it by winding some small diameter wire (make sure it can handle the current) on a form of some sort. A 1 or 2 watt carbon composition resistor can be used and it has convenient leads which you can use to solder your wound shunt to the meter tabs. You can calculate how much wire of a given gauge would be needed by looking up its resistance per 1000 feet in copper wire charts and doing a bit of math. I made many a shunt this way in my early building days.

Interestingly, I encountered a couple of Weston 54 meters (oops! metres :) that were supposed to be 100 or 150 mA but pinned with about 7 mA (well, isn't that an odd value). Examination revealed they, too, probably had internal shunts originally.

73,
Paul

On 10/16/2013 07:01 AM, kk7uv@... wrote:

It looks like there may have been a shunt R in there Lou. Perhaps it's a 1mA movement?

You'll have to determine the current that gives you full scale needle deflection.

Place the meter-under-test in series with an ammeter/multimeter, a 10k pot set to max resistance, and a 1.5v battery. This will set the max current to about 0.15 mA. Reduce the pot resistance until the meter-under-test deflects to full scale, then note the current reading on the multimeter.

If it is a 1mA movement, but the scale is 100mA, then you'll need a parallel shunt R to handle 99mA.

I sent you a handy paper for determining shunt value, or link to it here:

www.jaycar.com.au/images_uploaded/ (http://www.jaycar.com.au/images_uploaded/)shuntmul.pdf

- KK7UV

8367. Re: [AWA Group] RE: Weston

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-16 11:44:38 UTC
From: N1BUG
Topic: 8363 Message: 8367

Obviously I'm not awake yet. I forgot to add... if making a shunt from copper wire, start out with a bit more wire than calculated. This will make the metre read too high. Remove wire a bit at a time until the full scale reading is accurate.

Paul

On 10/16/2013 07:16 AM, N1BUG wrote:

Excellent paper Steve pointed out. To chime in with a couple of comments...

On a quick perusal I didn't see it mentioned in that paper that if you need a shunt with a fraction of an ohm resistance you can often make it by winding some small diameter wire (make sure it can handle the current) on a form of some sort. A 1 or 2 watt carbon composition resistor can be used and it has convenient leads which you can use to solder your wound shunt to the meter tabs. You can calculate how much wire of a given gauge would be needed by looking up its resistance per 1000 feet in copper wire charts and doing a bit of math. I made many a shunt this way in my early building days.

Interestingly, I encountered a couple of Weston 54 meters (oops! metres :) that were supposed to be 100 or 150 mA but pinned with about 7 mA (well, isn't that an odd value). Examination revealed they, too, probably had internal shunts originally.

73,
Paul

On 10/16/2013 07:01 AM, kk7uv@... wrote:

It looks like there may have been a shunt R in there Lou. Perhaps it's a 1mA movement?

You'll have to determine the current that gives you full scale needle deflection.

Place the meter-under-test in series with an ammeter/multimeter, a 10k pot set to max resistance, and a 1.5v battery. This will set the max current to about 0.15 mA. Reduce the pot resistance until the meter-under-test deflects to full scale, then note the current reading on the multimeter.

If it is a 1mA movement, but the scale is 100mA, then you'll need a parallel shunt R to handle 99mA.

I sent you a handy paper for determining shunt value, or link to it here:

www.jaycar.com.au/images_uploaded/ (http://www.jaycar.com.au/images_uploaded/)shuntmul.pdf

- KK7UV

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club

http://www.k1pq.org

8368. Weston & Roger

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-16 16:52:06 UTC
From: Louis Vermond
Topic: 8368 Message: 8368
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Lou, It just so happens I have one like that. They must have mounted the shunt externally. That is somewhat unusual. CUL, Roger/K1TG

Hello Roger,

To help verify that there was a shunt mounted using those two lugs I disassembled a 200 mil Weston Pattern 88 metre as you see below. (Red enamelled wire on tubular form leads going to +/- terminals.)

Note (left) the use of a wooden coil bobbin. No paraffin in sight! BTW: what is the purposes of these coils?

73, Lou

8369. RE: Weston & Roger

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-16 17:16:14 UTC
From: <kk7uv@...>
Topic: 8368 Message: 8369

>>what is the purposes of these coils?

I found one inside a Jewell meter. It appeared to be cotton covered resistance wire used as a meter multiplier. I think it was wrapped on a spool to simply minimize the space the length of wire would otherwise occupy.

Steve, KK7UV

---In awagroup@yahoogroups.com, <ldvermond@...> wrote:

Hi Lou, It just so happens I have one like that. They must have mounted the shunt externally. That is somewhat unusual. CUL, Roger/K1TG

Hello Roger,

To help verify that there was a shunt mounted using those two lugs I disassembled a 200 mil Weston Pattern 88 metre as you see below. (Red enamelled wire on tubular form leads going to +/- terminals.)

Note (left) the use of a wooden coil bobbin. No paraffin in sight! BTW: what is the purposes of these coils?

73, Lou

8370. Re: [AWA Group] RE: Weston

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-16 18:12:31 UTC
From: Louis Vermond
Topic: 8363 Message: 8370

Thank you, UV and all.

I am now able to focus on this and tonight will follow your instructions below. Your 'handy paper' noted and scanned for pertinent info.

73, Lou

It looks like there may have been a shunt R in there Lou. Perhaps it's a 1mA movement?

You'll have to determine the current that gives you full scale needle deflection.

Place the meter-under-test in series with an ammeter/multimeter, a 10k pot set to max resistance, and a 1.5v battery. This will set the max current to about 0.15 mA. Reduce the pot resistance until the meter-under-test deflects to full scale, then note the current reading on the multimeter.

If it is a 1mA movement, but the scale is 100mA, then you'll need a parallel shunt R to handle 99mA.

I sent you a handy paper for determining shunt value, or link to it here:

www.jaycar.com.au/images_uploaded/shuntmul.pdf

- KK7UV

8371. Re: Weston

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-16 18:34:16 UTC
From: JAMES HANLON
Topic: 8363 Message: 8371

Louis,

You asked how to figure out the proper shunt for your Weston meter to make it read 100 ma.

You need to know the sensitivity of the meter movement - how much current flowing through it causes it to indicate full scale - and either the voltage across the movement at full scale deflection or the resistance of the meter movement.

To measure the sensitivity of the movement, put the meter in series with a resistance, perhaps several thousand ohms, and connect it in series with another milliamp meter to a variable, low voltage DC power supply. Alternatively, make the series resistance variable and connect the combination to a fixed DC power supply like a one or more flashlight batteries. Adjust the variable power supply voltage or the variable series resistance until the unknown meter reads full scale. Then read the "meter sensitivity" value from the other milliamp meter in series with it.

Just for an example, let's suppose that the "meter sensitivity" turns out to be 1 ma.

Next, read the voltage across the unknown meter when the current through it is adjusted so that it reads full scale. If you used a DVM or VOM in series with the meter when you were determining the "meter sensitivity," just take that meter out of the circuit, switch it to a Voltage range, and use it to measure the voltage across the unknown meter.

To continue the example, let's suppose that the meter voltage turns out to be 1 volt.

Calculate the resistance of the meter movement with Ohm's Law. In the example it would be R = V/I = 1 volt / 0.001 amp = 1000 ohms.

Alternatively, you could use the resistance scale of your DVM or VOM to just measure directly the resistance of the unknown meter movement. But if you do this, be careful that the measurement does not slam the unknown meter movement and damage it. Lightly touch the ohm meter probe to the unknown meter terminal when first making the measurement and watch to see that it does not deflect too far.

Now that you know the meter movement resistance, you can calculate the necessary shunt resistance to make the meter indicate full scale when 100 ma is flowing through the meter movement and the shunt resistance in parallel.

Let's continue with the example. You know that the meter will read full scale when 1 ma of current is flowing through it and that it will have 1 volt across it under that condition. Then you will want 100 - 1 = 99 ma to flow through the shunt resistor when 1 volt appears across it. By Ohm's law, the shunt resistor will then need to be R = V/I = 1 volt / 0.099 amp = 10.1010... ohms. A 10 ohm resistor from your junk box would probably be close enough to satisfy your need.

If the shunt resistance turns out to be a fairly low value that you can't easily make out of units in your junk box, you might consider winding a shunt from wire. The older ARRL Handbooks have a Copper Wire Table that lists the resistance of various gauges of wire in

"Ohms per 1000 ft at 25 degrees C. For example, #28 wire is 66.17 ohms per 1000 feet and it's rated to carry 0.11 amps. If you needed a say a 0.5 ohm shunt, you could wind up 7.556 feet of #28 wire on a convenient form and it would give you a 0.5 ohm resistor. A convenient form might be a 1000 ohm resistor. You could solder the ends of the length of wire to the resistor leads and wind the wire around the resistor body.

Hope this helps,

Jim Hanlon, W8KGI

8372. Weston & James

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-16 19:59:24 UTC
From: Louis Vermond
Topic: 8372 Message: 8372
Attachments: 1 described; binary payloads are missing from this source WARC

Tks, W8KGI.

Louis, You asked how to figure out the proper shunt for your Weston meter to make it read 100 ma.

Wowzer!
After following your directions, James?

8373. ebay bidder?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-16 22:15:13 UTC
From: Louis Vermond
Topic: 8373 Message: 8373
Attachments: 2 described; binary payloads are missing from this source WARC

Is this anyone here? n***8(181

8374. Re: [AWA Group] Weston & Roger

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-17 02:06:23 UTC
From: Roger Kuchera
Topic: 8368 Message: 8374
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Lou,
Actually, I haven't the foggiest! Find the resistance of the meter and calculate the shunt value. Some of the older handbooks show how to figure out the meter resistance. A lot are in the vicinity of 100 ohms but not all.

CUL, Roger/K1TG

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, October 16, 2013 12:52 PM
Subject: [AWA Group] Weston & Roger

Hi Lou, It just so happens I have one like that. They must have mounted the shunt externally. That is somewhat
unusual. CUL,
Roger/K1TG

Hello Roger,

To help verify that there was a shunt mounted using
those two lugs I disassembled a 200 mil Weston Pattern 88 metre as
you see below. (Red enamelled wire on tubular form leads going to +/-
terminals.)

Note (left) the use of a wooden coil bobbin. No
paraffin in sight! BTW: what is the purposes of these coils?

73, Lou

8375. eBay Alert ....QST

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-17 12:39:51 UTC
From: Louis Vermond
Topic: 8375 Message: 8375
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/QST-Magazine-Exclusively-to-the-Radio-Amateur-Volume-13-No-12-December-1929-/131021750422?ssPageName=ADME:B:SS:US:3160

8376. eBay Alert...Boo

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-18 16:16:11 UTC
From: Louis Vermond
Topic: 8376 Message: 8376

TY Peter...

http://www.ebay.co.uk/itm/A-Caught-Ghost-In-A-Box-/251358748861?pt=UK_Antiques_Science_RL&hash=item3a862620bd

8378. eBay Alert 8 Hours....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-19 09:21:24 UTC
From: Louis Vermond
Topic: 8378 Message: 8378

ANTIQUE MURDOCK WIRELESS SPARK TRANSMITTER CONSENSER
http://www.ebay.com/itm/ANTIQUE-MURDOCK-TELEGRAPH-KEY-WIRELESS-SPARK-TRANSMITTER-MARCONI-ERA-CONSENSER/141088685065?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D2088378720605302004%26pid%3D100084%26prg%3D1115%26rk%3D7%26rkt%3D8%26sd%3D231073684943%26&ssPageName=ADME:B:SS:US:1120

8379. RE: [AWA Group] eBay Alert 8 Hours....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-19 11:58:40 UTC
From: Mike Feher
Topic: 8378 Message: 8379

Yep, I have already placed an initial bid on those 6 days ago. They will be nice for a small spark transmitter. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, October 19, 2013 5:21 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert 8 Hours....

ANTIQUE MURDOCK WIRELESS SPARK TRANSMITTER CONSENSER

http://www.ebay.com/itm/ANTIQUE-MURDOCK-TELEGRAPH-KEY-WIRELESS-SPARK-TRANSMITTER-MARCONI-ERA-CONSENSER/141088685065?_trksid=p11021.m2364
<http://www.ebay.com/itm/ANTIQUE-MURDOCK-TELEGRAPH-KEY-WIRELESS-SPARK-TRANSMITTER-MARCONI-ERA-CONSENSER/141088685065?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D2088378720605302004%26pid%3D100084%26prg%3D1115%26rk%3D7%26rkt%3D8%26sd%3D231073684943%26&ssPageName=ADME:B:SS:US:1120>
&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D2088378720605302004%26pid%3D100084%26prg%3D1115%26rk%3D7%26rkt%3D8%26sd%3D231073684943%26&ssPageName=ADME:B:SS:US:1120

8380. Re: [AWA Group] eBay Alert 8 Hours....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-19 12:35:19 UTC
From: Louis Vermond
Topic: 8378 Message: 8380

Mike,

Are you familiar with these? If so, is the housing made of hard rubber? Lou

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2013-10-19 7:58 AM
Subject: RE: [AWA Group] eBay Alert 8 Hours....

Yep, I have already placed an initial bid on those 6 days ago. They will be nice for a small spark transmitter. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, October 19, 2013 5:21 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert 8 Hours....

ANTIQUE MURDOCK WIRELESS SPARK TRANSMITTER CONSENSER
http://www.ebay.com/itm/ANTIQUE-MURDOCK-TELEGRAPH-KEY-WIRELESS-SPARK-TRANSMITTER-MARCONI-ERA-CONSENSER/141088685065?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D2088378720605302004%26pid%3D100084%26prg%3D1115%26rk%3D7%26rkt%3D8%26sd%3D231073684943%26&ssPageName=ADME:B:SS:US:1120

8381. RE: [AWA Group] eBay Alert 8 Hours....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-19 13:08:15 UTC
From: Mike Feher
Topic: 8378 Message: 8381

These do not appear to be hard rubber - but, I am not certain. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Louis Vermond
Sent: Saturday, October 19, 2013 8:35 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert 8 Hours....

Mike,

Are you familiar with these? If so, is the housing made of hard rubber? Lou

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: 2013-10-19 7:58 AM

Subject: RE: [AWA Group] eBay Alert 8 Hours....

Yep, I have already placed an initial bid on those 6 days ago. They will be
nice for a small spark transmitter. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Louis Vermond
Sent: Saturday, October 19, 2013 5:21 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert 8 Hours....

ANTIQUE MURDOCK WIRELESS SPARK TRANSMITTER CONSENSER

http://www.ebay.com/itm/ANTIQUE-MURDOCK-TELEGRAPH-KEY-WIRELESS-SPARK-TRANSMI
TTER-MARCONI-ERA-CONSENSER/141088685065?_trksid=p11021.m2364
<http://www.ebay.com/itm/ANTIQUE-MURDOCK-TELEGRAPH-KEY-WIRELESS-SPARK-TRANSM
ITTER-MARCONI-ERA-CONSENSER/141088685065?_trksid=p11021.m2364&_trkparms=aid%
3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D2088378720605302004%2
6pid%3D100084%26prg%3D1115%26rk%3D7%26rkt%3D8%26sd%3D231073684943%26&ssPageN
ame=ADME:B:SS:US:1120>
&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D208837
8720605302004%26pid%3D100084%26prg%3D1115%26rk%3D7%26rkt%3D8%26sd%3D23107368
4943%26&ssPageName=ADME:B:SS:US:1120

8382. Re: [AWA Group] eBay Alert 8 Hours....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-19 13:14:27 UTC
From: Louis Vermond
Topic: 8378 Message: 8382

I guess you'll know soon enough...

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2013-10-19 9:08 AM
Subject: RE: [AWA Group] eBay Alert 8 Hours....

These do not appear to be hard rubber - but, I am not certain. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, October 19, 2013 8:35 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert 8 Hours....

Mike,

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----- Original Message -----

From: Mike Feher

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Sent: 2013-10-19 7:58 AM

Subject: RE: [AWA Group] eBay Alert 8 Hours....

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732-886-5960

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http://www.ebay.com/itm/ANTIQUE-MURDOCK-TELEGRAPH-KEY-WIRELESS-SPARK-TRANSMITTER-MARCONI-ERA-CONSENSER/141088685065?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D2088378720605302004%26pid%3D100084%26prg%3D1115%26rk%3D7%26rkt%3D8%26sd%3D231073684943%26&ssPageName=ADME:B:SS:US:1120

8383. RE: [AWA Group] eBay Alert 8 Hours....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-19 13:17:25 UTC
From: Mike Feher
Topic: 8378 Message: 8383

One can never be sure. After all, this is on eBay, and, someone may want them real bad. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
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To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] eBay Alert 8 Hours....

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To: AWAGroup@yahoogroups.com

Sent: 2013-10-19 9:08 AM

Subject: RE: [AWA Group] eBay Alert 8 Hours....

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89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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<http://www.ebay.com/itm/ANTIQUE-MURDOCK-TELEGRAPH-KEY-WIRELESS-SPARK-TRANSMITTER-MARCONI-ERA-CONSENSER/141088685065?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D2088378720605302004%26pid%3D100084%26prg%3D1115%26rk%3D7%26rkt%3D8%26sd%3D231073684943%26&ssPageName=ADME:B:SS:US:1120>
&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D2088378720605302004%26pid%3D100084%26prg%3D1115%26rk%3D7%26rkt%3D8%26sd%3D231073684943%26&ssPageName=ADME:B:SS:US:1120

8384. Coupling Coax to '20s Rigs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-19 14:17:23 UTC
From: Bill Stewart
Topic: 8384 Message: 8384

Good morning all,
I have always used the off-ctr fed Hertz (now called the Windom) antenna for my '20s xmtrs. I also use one with the 160m Meissner, but it is only abt 25ft high, so results are not too good....altho, it does work. With only abt 2 watts output I see the need for a better antenna. I thought maybe I would try coupling it to my coax-fed 160m inverted L. What is the proper way to couple to the coax feed?
Tnx, 73, de Bill K4JYS

8385. Re: [AWA Group] Coupling Coax to '20s Rigs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-19 14:49:59 UTC
From: Larry Szendrei
Topic: 8384 Message: 8385

On 10/19/13 10:17 AM, Bill Stewart wrote:
>
> Good morning all,
>
> I have always used the off-ctr fed Hertz (now called the Windom)
> antenna for my
>
> '20s xmtrs. I also use one with the 160m Meissner, but it is only abt
> 25ft high, so
>
> results are not too good....altho, it does work. With only abt 2 watts
> output I see
>
> the need for a better antenna. I thought maybe I would try coupling it
> to my coax-fed
>
> 160m inverted L. What is the proper way to couple to the coax feed?
>
> Tnx, 73, de Bill K4JYS
>
> __

On my Harley I use link coupling. A large-capacity air-variable (old BC 2- or 3-gang condenser with all gangs in ||) is series with the ground/coax braid side of the link helps to optimally adjust loading.

On the PP TNT I just tap up from the center of the tank coil - about 1/2 turn on 40M and 80M, a full turn on 160M - and use a "transmitting" 0.02 mica to block the DC.

Either way should work FB on the Meissner, I would think.

73,
-Larry/NE1S

8386. Re: [AWA Group] Coupling Coax to '20s Rigs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-19 19:45:45 UTC
From: Bill Stewart
Topic: 8384 Message: 8386

Tnx Larry for the suggestions. I'll give 'em a try...73, Bill

----- Original Message -----

From: "Larry Szendrei" <ne1s@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, October 19, 2013 10:49:59 AM
Subject: Re: [AWA Group] Coupling Coax to '20s Rigs

On 10/19/13 10:17 AM, Bill Stewart wrote:

Good morning all,
I have always used the off-ctr fed Hertz (now called the Windom) antenna for my '20s xmtrs. I also use one with the 160m Meissner, but it is only abt 25ft high, so results are not too good....altho, it does work. With only abt 2 watts output I see the need for a better antenna. I thought maybe I would try coupling it to my coax-fed 160m inverted L. What is the proper way to couple to the coax feed?
Tnx, 73, de Bill K4JYS

--

On my Harley I use link coupling. A large-capacity air-variable (old BC 2- or 3-gang condenser with all gangs in ||) is series with the ground/coax braid side of the link helps to optimally adjust loading.

On the PP TNT I just tap up from the center of the tank coil - about 1/2 turn on 40M and 80M, a full turn on 160M - and use a "transmitting" 0.02 mica to block the DC.

Either way should work FB on the Meissner, I would think.

73,
-Larry/NE1S

8387. Lotsa Goodies!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-21 11:28:18 UTC
From: Eddy Swynar
Topic: 8387 Message: 8387

Hi Guys,

LOTS of goodies available at the ARRL auction coming up---TONS of old literature especially, like HANDBOOKS & publications that even I've never seen before...

http://arrl.auctionanything.com/

~73~ de Eddy VE3CUI - VE3XZ

8388. ZL Wireless

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-21 13:19:29 UTC
From: Louis Vermond
Topic: 8388 Message: 8388

http://www.youtube.com/watch?v=H-KUat5WEkU

8389. !...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-23 13:51:09 UTC
From: Louis Vermond
Topic: 8389 Message: 8389

Is there a International Radio Code character for the exclamation mark?

Tks, Lou

8390. Re: [AWA Group] !...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-23 14:23:47 UTC
From: KG4KGL
Topic: 8389 Message: 8390

This from Wikipedia, so it may be wrong:

"There is no standard representation for the exclamation mark (!), although the KWdigraph (– · – · – –) was proposed in the 1980s by the Heathkit Company (a vendor of assembly kits for amateur radio equipment)."

Robert
KG4KGL

> On Oct 23, 2013, at 9:51, Louis Vermond <ldvermond@sympatico.ca> wrote:
>
> Is there a International Radio Code character for the exclamation mark?
>
> Tks, Lou
>

8391. RE: [AWA Group] !...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-23 14:28:10 UTC
From: barry whittemore
Topic: 8389 Message: 8391

– · – · – – according to wikipedia. (must be sent at 40 wpm or faster though) hi

barry

NF1O

To: AWAGroup@yahoogroups.com
From: ldvermond@...
Date: Wed, 23 Oct 2013 09:51:09 -0400
Subject: [AWA Group] !...?

Is there a International Radio Code character for the exclamation mark?

Tks, Lou

8392. N1BUG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-23 14:56:31 UTC
From: barry whittemore
Topic: 5523 Message: 8392

I see that a mention of N1BUG made it into the ARRL contest report that was just sent out.

it includes pic of his TX.

Nice goining.

73

Barry

NF1O

8393. Re: [AWA Group] N1BUG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-23 15:36:26 UTC
From: N1BUG
Topic: 5523 Message: 8393

Thanks Barry. Despite being a contester I am not sure what contest report you are referring to. A quick search of the ARRL web site did not seem to help. Do you know any way I can get a copy of that report? I'm not an ARRL member which may complicate things.

73,
Paul N1BUG

On 10/23/2013 10:56 AM, barry whittemore wrote:

I see that a mention of N1BUG made it into the ARRL contest report that was just sent out. it includes pic of his TX.
Nice goining.
73
Barry
NF1O

8394. Re: [AWA Group] !...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-23 16:46:51 UTC
From: N1BUG
Topic: 8389 Message: 8394

If you search the web you will find at least three Morse characters for the exclamation mark. I don't know where they came from but as far as I know there is not an officially recognized one. I of course could be wrong!

73,
Paul

On 10/23/2013 09:51 AM, Louis Vermond wrote:

Is there a International Radio Code character for the exclamation mark?

?

Tks, Lou

8395. [AWA Group] !...?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-25 02:07:02 UTC
From: Louis Vermond
Topic: 8389 Message: 8395
Attachments: 1 described; binary payloads are missing from this source WARC

This from Wikipedia, so it may be wrong:

"There is no standard representation for the exclamation mark (!), although the KWdigraph (– · – · – –) was proposed in the 1980s by the Heathkit Company (a vendor of assembly kits for amateur radio equipment)."

While Morse code translation software prefers the Heathkit version, on-air use is not yet universal as some amateur radio operators in North America and the Caribbean continue to prefer the older MN digraph (– – – ·) carried over from American landline telegraphy code.

Thank you, Robert, Berry and Paul.

My daughter, Kira (below at 8) has a new web site wanting the Morse equivalent to, "Lets Talk!" on the contact page.

Thank you for all the help.

73, Lou

P.s., In a 1917 wireless book the ! is shown as, --..-- Yes, a comma.

8396. Weston Metre Shunt Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-25 02:26:42 UTC
From: Louis Vermond
Topic: 8396 Message: 8396

Thanks for all the advice. Haven't forgotten about this, but this full time Grandpa business is time consuming.

Jim, VE3BHK has excepted the metre for his rig project shown here recently and along with the metre the "problem". Jim says that with all the Group input he has a handle on it.

43, Lou

8397. Seen on eBay, any idea?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-29 02:21:19 UTC
From: KG4KGL
Topic: 8397 Message: 8397

http://bit.ly/Hn2inO

Robert
KG4KGL

8398. Re: [AWA Group] Seen on eBay, any idea?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-29 02:32:32 UTC
From: Garey Barrell
Topic: 8397 Message: 8398

Robert -

Also known as a B & W 850A.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

KG4KGL wrote:
>
>
> http://bit.ly/Hn2inO
>
> Robert
> KG4KGL
>
>
>

8399. RE: [AWA Group] Seen on eBay, any idea?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-29 02:45:34 UTC
From: Mike Feher
Topic: 8397 Message: 8399

Yep – was sold by B&W for home brew band switching high power rigs in the 50’s and 60’s. Possibly even later. There is also a smaller version which I think is the 851 and one with the coils around a switch for even lower power. As I recall, some were used in commercial ham rigs. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Garey Barrell
Sent: Monday, October 28, 2013 10:33 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Seen on eBay, any idea?

Robert -

Also known as a B & W 850A.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

KG4KGL wrote:
>
>
> http://bit.ly/Hn2inO
>
> Robert
> KG4KGL
>
>
>

8400. RE: Coupling Coax to '20s Rigs

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-29 09:33:46 UTC
From: <dulmagedon@...>
Topic: 8384 Message: 8400

I have removed all but my slop bucket rigs from coax. I strung up a long wire 80M style (137 feet end fed by 67feed single wire) Performance has been astounding compared to my so called modern antennas. I works well on 40M and recently I have had it on 20M AM with a new HB rig (so far zip for 20M AM contacts but it load well) . I use BTW a fishing pole with a spinning reel with a roll of electrical tape tied to it for stringing antennas now. Works so well I put my slingshot in the garbage last week. One cast over any tree where you want it. Tie butcher cord to the spinning line and pull it up and the pull the rope up with the butcher cord. 10 minute deal tops .
I mention it just in case someone else is fussing with a slingshot with little success like I was. I used the fishing rod deal for a friends (VE3XFE) antenna last wed. Had it right over the top of his 100 year old chestnut tree first crack. He is now back on the air.
Don

---In awagroup@yahoogroups.com, <cwopr@...> wrote:

Tnx Larry for the suggestions. I'll give 'em a try...73, Bill

From: "Larry Szendrei" <ne1s@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, October 19, 2013 10:49:59 AM
Subject: Re: [AWA Group] Coupling Coax to '20s Rigs

On 10/19/13 10:17 AM, Bill Stewart wrote:

Good morning all,
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Tnx, 73, de Bill K4JYS

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On my Harley I use link coupling. A large-capacity air-variable (old BC 2- or 3-gang condenser with all gangs in ||) is series with the ground/coax braid side of the link helps to optimally adjust loading.

On the PP TNT I just tap up from the center of the tank coil - about 1/2 turn on 40M and 80M, a full turn on 160M - and use a "transmitting" 0.02 mica to block the DC.

Either way should work FB on the Meissner, I would think.

73,
-Larry/NE1S

8401. eBay Alert Beware Crazy Man

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-30 16:30:06 UTC
From: Louis Vermond
Topic: 8401 Message: 8401

http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=121203260078&ssPageName=ADME:B:FSEL:GB:1123

8402. Re: [AWA Group] eBay Alert Beware Crazy Man

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-30 20:30:41 UTC
From: Ron Barlow
Topic: 8401 Message: 8402

Hi Lou!
If someone buys it from him, at that price, he (the seller) may not seem to be so crazeeee after all!!!
73 de Ron

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Wednesday, October 30, 2013 12:30 PM
Subject: [AWA Group] eBay Alert Beware Crazy Man

http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=121203260078&ssPageName=ADME:B:FSEL:GB:1123

8403. Re: [AWA Group] eBay Alert Beware Crazy Man

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-30 21:52:33 UTC
From: Louis Vermond
Topic: 8401 Message: 8403

Dear va3awa,

Hi there, no the listing has to be revised, just didn't have time to do so yet, this is the wrong item by the way.
Thanks

- 20th-century-electronics

----- Original Message -----
From: Ron Barlow
To: AWAGroup@yahoogroups.com
Sent: 2013-10-30 4:30 PM
Subject: Re: [AWA Group] eBay Alert Beware Crazy Man

Hi Lou!
If someone buys it from him, at that price, he (the seller) may not seem to be so crazeeee after all!!!
73 de Ron

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Wednesday, October 30, 2013 12:30 PM
Subject: [AWA Group] eBay Alert Beware Crazy Man

http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=121203260078&ssPageName=ADME:B:FSEL:GB:1123

8404. eBay Alert Neat...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-31 00:50:34 UTC
From: Louis Vermond
Topic: 8404 Message: 8404

http://www.ebay.com/itm/EARLY-CRYSTAL-DETECTOR-WOODEN-CABINET-RADIO-RECEIVER-Circuit-Varicap-Tuned-RARE-/200953189336?pt=LH_DefaultDomain_0&hash=item2ec9be53d8#ht_170wt_1012

8405. RE: Re: [AWA Group] Re: Meter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-31 02:38:52 UTC
From: <dulmagedon@...>
Topic: 8348 Message: 8405

I still use them The Source or Radio Shack has several types and are rated by milliamp draw . Cant see to read a meter easily anyway now. Lamp is an excellent substitute. Even have one on my home brew twin 811 linear.

---In AWAGroup@yahoogroups.com, <awagroup@yahoogroups.com> wrote:

...pilot bulb or flashlight bulb in series... This works for the plate milliamp metre as well, Jim.

In the old days folks just used a low current pilot bulb or flashlight bulb in series with the antenna feed line as an indicator of RF current.

8406. Cooper Hewitt Mercury Arc Valve Vapor Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-31 04:32:38 UTC
From: <david@...>
Topic: 8406 Message: 8406

Cooper Hewitt Mercury Arc Valve Vapor Tube

I have recently acquired an excellent condition Cooper Hewitt mercury vapor tube and am trying to find some information about it. I have found a bit of information about these tubes but have not seen any information on this particular tube yet. I have attached a picture for reference. More detailed pictures can be made available if needed.

Any information is appreciated.

David VE7EPP david at eppert dot ca

8407. RE: Cooper Hewitt Mercury Arc Valve Vapor Tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-31 04:46:58 UTC
From: <david@...>
Topic: 8406 Message: 8407
Attachments: 1 described; binary payloads are missing from this source WARC

I think I forgot to attach the image so here is another attempt.

David VE7EPP

---In AWAGroup@yahoogroups.com, <awagroup@yahoogroups.com> wrote:

Cooper Hewitt Mercury Arc Valve Vapor Tube

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Any information is appreciated.

David VE7EPP david at eppert dot ca

8408. RE: [AWA Group] RE: Cooper Hewitt Mercury Arc Valve Vapor Tube [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-10-31 05:01:35 UTC
From: Mike Feher
Topic: 8406 Message: 8408

Dave –

I have slightly larger version of that mercury arc rectifier tube. It is my understanding that they were used in garages to charge batteries. I am ready to hit the sack, but, will try and provide more info tomorrow. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of david@...
Sent: Thursday, October 31, 2013 12:47 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] RE: Cooper Hewitt Mercury Arc Valve Vapor Tube [1 Attachment]

I think I forgot to attach the image so here is another attempt.

David VE7EPP

---In AWAGroup@yahoogroups.com, <awagroup@yahoogroups.com> wrote:

Cooper Hewitt Mercury Arc Valve Vapor Tube

I have recently acquired an excellent condition Cooper Hewitt mercury vapor tube and am trying to find some information about it. I have found a bit of information about these tubes but have not seen any information on this particular tube yet. I have attached a picture for reference. More detailed pictures can be made available if needed.

Any information is appreciated.

David VE7EPP david at eppert dot ca

8409. Two tube (56 & 47) transmitter heard in the Soo!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-01 10:27:28 UTC
From: <dulmagedon@...>
Topic: 8409 Message: 8409

The last couple of days I have been reworking some of my early styled rigs. One was my two tube regen transceiver. I had remade the PA plate choke to something more substantial having learned a bit more about plate chokes from my 811A GG linear project. When I finished about 2.30 PM my time I plugged the little gem
into my light duty bench PS and called CQ .No takers although I could hear AA1FA
so about 10min to 3PM I quit. HOWEVER. When I turned on my computer after supper I had a signal report from a VA3 in the SOO saying he thought he was hearing a "parasitic " of my transmitter on 7033 and got my email from QRZ to advise me. Said signal was very weak with some chirp and was wobbly when tuning up. Since it was so weak he figured it wasn't my main signal. However I was sending on 7030 approx. (7033kc was his sig report)I was sad it didn't sound better but stoked that he heard this little peanut whistle that far away. He surmised that it was a one tuber (although this one is a mopa) I will attempt to clean up the signal a bit more before I try again but those of you who built , you know how exciting it is just to have your old wonky style rig heard when it is only a watt or so(or even less.) That is a long haul for this tiny rig..
Don

8410. Re: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-01 23:24:07 UTC
From: Ron Barlow
Topic: 8409 Message: 8410

Hi Don,
 Have you considered the possibility of replacing the 56 and 47 tubes with pre 1930 types (or constructing another xmtr using a pre 1930 type(s), such as a type 27, etc.), to join the fun in the Bruce Kelley Memorial QSO party (sponsored by the AWA), in December??
 A simple Hartley, Colpitts, TNT, TPTG, etc. oscillator can generate a few watts, and provide a great deal of fun. You would find the suggested various band segments occupied by other sub T-9 signals, and the operators won't be surprised by your sub T-9 signal. Your presense would be most welcome!
73 de Ron

From: "dulmagedon@..." <dulmagedon@...>
To: AWAGroup@...m
Sent: Friday, November 1, 2013 6:27 AM
Subject: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

The last couple of days I have been reworking some of my early styled rigs. One was my two tube regen transceiver. I had remade the PA plate choke to something more substantial having learned a bit more about plate chokes from my 811A GG linear project. When I finished about 2.30 PM my time I plugged the little gem
into my light duty bench PS and called CQ .No takers although I could hear AA1FA
so about 10min to 3PM I quit. HOWEVER. When I turned on my computer after supper I had a signal report from a VA3 in the SOO saying he thought he was hearing a "parasitic " of my transmitter on 7033 and got my email from QRZ to advise me. Said signal was very weak with some chirp and was wobbly when tuning up. Since it was so weak he figured it wasn't my main signal. However I was sending on 7030 approx. (7033kc was his sig report)I was sad it didn't sound better but stoked that he heard this little peanut whistle that far away. He surmised that it was a one tuber (although this one is a mopa) I will attempt to clean up the signal a bit more before I try again but those of you who built , you know how exciting it is just to have your old wonky style rig heard when it is only a watt or so(or even less.) That is a long haul for this tiny rig..
Don

8411. eBay Alert 1934

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-02 01:19:30 UTC
From: Louis Vermond
Topic: 8411 Message: 8411
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/1934-Whos-Who-in-Amateur-Radio-Lists-Ham-Operators-Name-Call-letter-biography-/350912648155?pt=LH_DefaultDomain_0&hash=item51b40613db#ht_1335wt_1249

8412. Ebay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-02 02:18:10 UTC
From: Louis Vermond
Topic: 893 Message: 8412

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=221309291385#ht_36wt_958

8413. RE: Re: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-02 03:24:31 UTC
From: <dulmagedon@...>
Topic: 8409 Message: 8413

I wouldn't take this one apart but I do have a 45 tube TNT that I use with some success. Has the big copper tube coils on the tuned side. Output is fairly substantial which means it puts out a lot more then this one.
And then over a period of a year or so I designed and debugged a cathode modulator for it currently using a01A as the modulator tube driven by an electro mechanical telephone style carbon mike circuit. It works really well although no one wants to believe that. I have even taken that modulator and used it on my ARC5 on the air for a QSO. No one knew the difference.
I have two Johnson giant 4 pin ceramic sockets. I wish I knew a vintage tube that would use one of them as I would build a monster just for the shear fun of it.
This radio while not perfect does work even as a transceiver although it is hum sensitive on receive. Now that I have a confirmed transmission I may put it on the shelf and grin.
However I must confess I spent this afternoon debugging it some more. I had it on 390 volts this afternoon. No problems and much more stable. One of the things I learned with this one today and also my TNT before is make sure heater voltages are at their absolute spec max and there is lots of current available. That alone will get rid of a lot of whoop in the signal.
While I sure do enjoy the pre 1929 stuff I don't draw a line there. I have a lot of octal tube stuff built and running. Cant help the rules. Tis still vintage. I am currently spending a lot of time trying to get a 6l6gcs to perform as their specs say they it should. It is beginning to be love hate relationship. Set plate screen and grid to ideal specs (Plate 450, screen 400, grid -35) but AMP is still not performing as I think it should.
Don

---In AWAGroup@yahoogroups.com, <awagroup@yahoogroups.com> wrote:

Hi Don,
Have you considered the possibility of replacing the 56 and 47 tubes with pre 1930 types (or constructing another xmtr using a pre 1930 type(s), such as a type 27, etc.), to join the fun in the Bruce Kelley Memorial QSO party (sponsored by the AWA), in December??
A simple Hartley, Colpitts, TNT, TPTG, etc. oscillator can generate a few watts, and provide a great deal of fun. You would find the suggested various band segments occupied by other sub T-9 signals, and the operators won't be surprised by your sub T-9 signal. Your presense would be most welcome!
73 de Ron

From: "dulmagedon@..." <dulmagedon@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, November 1, 2013 6:27 AM
Subject: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

The last couple of days I have been reworking some of my early styled rigs. One was my two tube regen transceiver. I had remade the PA plate choke to something more substantial having learned a bit more about plate chokes from my 811A GG linear project. When I finished about 2.30 PM my time I plugged the little gem
into my light duty bench PS and called CQ .No takers although I could hear AA1FA

so about 10min to 3PM I quit. HOWEVER. When I turned on my computer after supper I had a signal report from a VA3 in the SOO saying he thought he was hearing a "parasitic " of my transmitter on 7033 and got my email from QRZ to advise me. Said signal was very weak with some chirp and was wobbly when tuning up. Since it was so weak he figured it wasn't my main signal. However I was sending on 7030 approx. (7033kc was his sig report)I was sad it didn't sound better but stoked that he heard this little peanut whistle that far away. He surmised that it was a one tuber (although this one is a mopa) I will attempt to clean up the signal a bit more before I try again but those of you who built , you know how exciting it is just to have your old wonky style rig heard when it is only a watt or so(or even less.) That is a long haul for this tiny rig..
Don

8414. RE: [AWA Group] eBay Alert 1934

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-02 10:08:13 UTC
From: barry whittemore
Topic: 8411 Message: 8414
Attachments: 1 described; binary payloads are missing from this source WARC

That is cool, It would be a really big book today.
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: ldvermond@...
Date: Fri, 1 Nov 2013 21:19:30 -0400
Subject: [AWA Group] eBay Alert 1934

http://www.ebay.com/itm/1934-Whos-Who-in-Amateur-Radio-Lists-Ham-Operators-Name-Call-letter-biography-/350912648155?pt=LH_DefaultDomain_0&hash=item51b40613db#ht_1335wt_1249

8415. High speed morse telegraphy using a straight key

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-02 15:37:48 UTC
From: Louis Vermond
Topic: 8415 Message: 8415

http://www.youtube.com/watch?v=YPsgEdmlUf0

8416. Re: [AWA Group] High speed morse telegraphy using a straight key

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-03 16:37:12 UTC
From: Ron Barlow
Topic: 8415 Message: 8416

Hi Lou,
 Wow! I developed a glass arm, by just watching the guy in this clip!
 The technique of sending with his arm unsupported, reminded me of my novice days (and beyond), when I was using a table that was much too small. I always believed that the unsupported arm issue, was the cause of a bad habit (and bad sending!), that I developed, and have never been able to correct.
 The small table certainly doesn't seem to phase him, however! I guess that I will have to invent some other excuse!
I hope to CU in the BK event!
73 de Ron n4gjv

From: Louis Vermond <ldvermond@sympatico.ca>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Saturday, November 2, 2013 11:37 AM
Subject: [AWA Group] High speed morse telegraphy using a straight key

http://www.youtube.com/watch?v=YPsgEdmlUf0

8417. Re: [AWA Group] High speed morse telegraphy using a straight key

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-03 17:18:25 UTC
From: Steve
Topic: 8415 Message: 8417

>The small table certainly doesn't seem to phase him, however! I guess that
>I will have to invent some other excuse!

Ron - I think this is more a case of a guy that can send fast in spite of using poor technique. Who knows how fast he could send doing it the right way. I'll bet his chiropractor loves him.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8418. RE: [AWA Group] High speed morse telegraphy using a straight key

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-03 17:33:03 UTC
From: Steve Flood
Topic: 8415 Message: 8418

believed that the unsupported arm issue, was the cause of a bad habit (and bad sending!),

For straight key work where the motion is up-and-down, the proper technique I've read (and heard about from a former Western Union telegrapher) is an unsupported arm, with the upper arm hanging relaxed at your side and the elbow at a right angle. With my key and arm positioned this way, I no longer have any arm or hand fatigue. For bugs, cooties, paddles where the motion is side-to-side, the supported arm is the favored technique.

Steve, KK7UV

8419. FW: APPROVE -- plc32167 wants to join AWAGroup

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 02:13:46 UTC
From: Mike Feher
Topic: 8419 Message: 8419

This seemed kind of suspicious - so - I emailed whoever he is asking to identify and so forth prior to approving. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: AWAGroup-owner@yahoogroups.com [mailto:AWAGroup-owner@yahoogroups.com] On Behalf Of Yahoo Groups Notification
Sent: Sunday, November 03, 2013 9:03 PM
To: AWAGroup-owner@yahoogroups.com
Subject: APPROVE -- plc32167 <plc32167@...> wants to join AWAGroup

Hello,

The following person would like to join the AWAGroup group:
Email address: plc32167 <plc32167@...>

Comment from user:
i would like to join this group
This membership request requires your approval because the AWAGroup group is restricted, which means you must approve each new member.

To approve or reject this pending membership using the web, please go here:
http://groups.yahoo.com/group/AWAGroup/members?group=pending

To approve this membership using email, reply to this message.

To reject this membership using email, forward this message to

AWAGroup-rejectsub-2lscuysukzbfwrjtc0bkfdpse5pa@yahoogroups.com

NOTE: This membership request will expire after 14 days. If you do not take action within that time, this membership request will be automatically rejected. Yahoo! Groups does this to maintain a high quality of service for our users.

Thank you for choosing Yahoo Groups.

Regards,

Yahoo! Groups Customer Care

Your use of Yahoo Groups is subject to http://info.yahoo.com/legal/us/yahoo/utos/terms/

8420. FW: AWA Group -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 02:15:03 UTC
From: Mike Feher
Topic: 8420 Message: 8420

FYI - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: Mike Feher [mailto:n4fs@...]
Sent: Sunday, November 03, 2013 9:10 PM
To: 'plc32167@...'
Subject: AWA Group -

Please provide a brief introduction with your name, where your interests lie, your call, and your QTH. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

8421. Keys

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 03:09:00 UTC
From: Louis Vermond
Topic: 8421 Message: 8421

http://www.mydarc.de/dl4py/g0nvt_titanic_marconi_oil_break_key.html

8422. RE: [AWA Group] Keys

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 03:15:32 UTC
From: Mike Feher
Topic: 8421 Message: 8422

Those are replicas made by Phil Boyle. A real nice guy and great machinist.
I have a few of his keys. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf
Of Louis Vermond
Sent: Sunday, November 03, 2013 10:09 PM
To: AWAGroup
Subject: [AWA Group] Keys

http://www.mydarc.de/dl4py/g0nvt_titanic_marconi_oil_break_key.html

8423. RE: [AWA Group] Keys

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 03:49:40 UTC
From: Steve Flood
Topic: 8421 Message: 8423
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks for posting that page Lou. I was perusing through and found a familiar photo.

GPO Taste Nachbau / NZ Key

And here I thought my recent hamfest find was a homebrew since it lacked any markings.

Steve, KK7UV

8424. Re: Updates in Your Groups, November 3, 2013

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 03:53:03 UTC
From: Leonard Meek
Topic: 8424 Message: 8424

What's up with Yahoo??? Every time I try to log on I get a page full of hookers.
----- Original Message -----
From: Yahoo Groups Updates
To: lemeek@...
Sent: Sunday, November 03, 2013 3:11 AM
Subject: Updates in Your Groups, November 3, 2013

Updates in Your Groups

radioconstructors pop_vasile added 10 photos to the 2.5-25KV BUTTERFLY CAPACITOR KITS VA6POP folder
view all

st-helena-genealogy-St Helena Family History jonathanparsons141@btinternet.com posted a file Journal cont.pdf

To learn more about Yahoo!'s use of personal information, including the use of web beacons in HTML-based email, please read our Privacy Policy.
Visit Your Groups | Yahoo Groups Terms of Use | Unsubscribe from the Updates Email

8425. Steve's Key

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 15:38:50 UTC
From: Louis Vermond
Topic: 8425 Message: 8425
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for posting that page Lou. I was perusing through and found a familiar photo. The bill in the mail.
GPO Taste Nachbau / NZ Key

Steve, Pse post a photo showing its present condx. Lou

8426. Acceptable1929 triodes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 15:47:14 UTC
From: <dulmagedon@...>
Topic: 8426 Message: 8426

I have a giant 4 pin socket . is there an acceptable 1929 triode with good power I could use.?

Don
BTW working 7100 at every oppourtunity with my homebrew 56/42 tube CW transceiver

8427. Re: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 18:19:55 UTC
From: Larry Szendrei
Topic: 8409 Message: 8427

On 11/1/13 6:27 AM, dulmagedon@... wrote:
> When I turned on my computer after supper I had a signal report from a
> VA3 in the SOO saying he thought he was hearing a "parasitic " of my
> transmitter on 7033 and got my email from QRZ to advise me. Said
> signal was very weak with some chirp and was wobbly when tuning up.
> Since it was so weak he figured it wasn't my main signal. However I
> was sending on 7030 approx. (7033kc was his sig report)I was sad it
> didn't sound better but stoked that he heard this little peanut
> whistle that far away. He surmised that it was a one tuber (although
> this one is a mopa) I will attempt to clean up the signal a bit more
> before I try again but those of you who built , you know how exciting
> it is just to have your old wonky style rig heard when it is only a
> watt or so(or even less.)That is a long haul for this tiny rig..
>
> Don
>
> _
Don - About how far away from you was the op that heard you? (I don't
know where SOO is, or what it stands for.)

73,
-Larry/NE1S

8428. Re: [AWA Group] Acceptable1929 triodes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 18:43:38 UTC
From: Ron Barlow
Topic: 8426 Message: 8428

Hi Don,
 If you are referring to what RCA calls a Jumbo 4 pin bayonet type socket, the 211, 203, and 845 are all candidates. There are also some Western Electric types on the 1929 list, that may use that particular socket, but I could not readily find info on them.
 73 de Ron

PS: If perchance you are interested in joining the AWA QSO party fun, note that the power limit is 10 watts DC input (20 watts, for a few hours, in the late night/early morning hours).
 If the cost of these rather rare (and expensive) tubes, is prohibitive, note that you can have a great deal of fun, and log plenty of QSOs, with only a few watts input to a 27 triode, or 24A tetrode, in a Hartley oscillator configuration, for example.
 I have been using such an arrangement, for several years, and despite a very mediocre antenna system, I am consistently able to contact VE7SL, thanks to his "golden ears", plus many other, less distant AWA stations.

From: "dulmagedon@..." <dulmagedon@yahoo.ca>
To: AWAGroup@yahoogroups.com
Sent: Monday, November 4, 2013 10:47 AM
Subject: [AWA Group] Acceptable1929 triodes

I have a giant 4 pin socket . is there an acceptable 1929 triode with good power I could use.?

Don
BTW working 7100 at every oppourtunity with my homebrew 56/42 tube CW transceiver

8429. RE: Re: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 20:44:19 UTC
From: <dulmagedon@...>
Topic: 8409 Message: 8429

Sault St Marie, Ontario right across the river from Sault St Marie Mich. I don't know exactly. He was a bit ticked off I think and is not into radios that glow and don't come in a box. Never occurred to him to answer my CQ and give me a bad RST. Anyway I am saving his letter and gluing it to the bottom of the rig.. It is exactly 710 miles by road from my door yard as I have been there many times visiting my cousins aunts and uncles. I am guessing somewhere between 350 to 400 miles by way of the crow.
Don

---In AWAGroup@yahoogroups.com, <awagroup@yahoogroups.com> wrote:

On 11/1/13 6:27 AM, dulmagedon@... mailto:dulmagedon@... wrote:

When I turned on my computer after supper I had a signal report from a VA3 in the SOO saying he thought he was hearing a "parasitic " of my transmitter on 7033 and got my email from QRZ to advise me. Said signal was very weak with some chirp and was wobbly when tuning up. Since it was so weak he figured it wasn't my main signal. However I was sending on 7030 approx. (7033kc was his sig report)I was sad it didn't sound better but stoked that he heard this little peanut whistle that far away. He surmised that it was a one tuber (although this one is a mopa) I will attempt to clean up the signal a bit more before I try again but those of you who built , you know how exciting it is just to have your old wonky style rig heard when it is only a watt or so(or even less.) That is a long haul for this tiny rig.. Don

–

Don - About how far away from you was the op that heard you? (I don't know where SOO is, or what it stands for.)

73,
-Larry/NE1S

8430. RE: Acceptable1929 triodes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-04 21:00:45 UTC
From: <dulmagedon@...>
Topic: 8426 Message: 8430

I have a 45 TNT and I did have a Hartley for about a year but took it apart as I didn't really like its manners. (Not Hartleys in general. Just that particular one) The 45 TNT is OK but I would like to step it up a notch. Mostly everytime I enter the shack downstairs those two big 4 pin sockets look at me. I didn't figure a 211 would be ok but I can get them I believe. I have fired up on str key night , AWA QSO and even Bruce Kelly. Don't do well from here in heavy traffic as I am kinda in the middle of nowhere. (Pr Ed Cty. (North shore of Lake Ontario due north of Rochestor NY) I have best results on a quiet afternoon when everyone is at work etc and the band is open and quiet. So I have the TNT for my vintage efforts along with a single tube regen that works decently although I keep another rx on freq just in case.
What I wanted to build with the big sockets was a Vintage monster TNT or Hartley. or mopa.. 40 to 250 watts or so. Doesn't matter exactly but something big ugly and powerful but nice. I want too use those socket and already have the breadboard varnished and aged
Don

---In awagroup@yahoogroups.com, <imalowfer@...> wrote:

Hi Don,
If you are referring to what RCA calls a Jumbo 4 pin bayonet type socket, the 211, 203, and 845 are all candidates. There are also some Western Electric types on the 1929 list, that may use that particular socket, but I could not readily find info on them.
73 de Ron

PS: If perchance you are interested in joining the AWA QSO party fun, note that the power limit is 10 watts DC input (20 watts, for a few hours, in the late night/early morning hours).
If the cost of these rather rare (and expensive) tubes, is prohibitive, note that you can have a great deal of fun, and log plenty of QSOs, with only a few watts input to a 27 triode, or 24A tetrode, in a Hartley oscillator configuration, for example.
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From: "dulmagedon@..." <dulmagedon@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, November 4, 2013 10:47 AM
Subject: [AWA Group] Acceptable1929 triodes

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Don
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8431. RE: [AWA Group] Steve's Key

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-05 00:36:24 UTC
From: Steve Flood
Topic: 8425 Message: 8431
Attachments: 2 described; binary payloads are missing from this source WARC

Pse post a photo showing its present condx.

As found. GPO Taste Nachbau / NZ Key

Cleaned up.

8432. RE: RE: Acceptable1929 triodes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-05 01:32:08 UTC
From: <dulmagedon@...>
Topic: 8426 Message: 8432

I had transceiver calling CQ 100 tonite for about 20m minutes but no joy. So I dragged out the 45 TNT and warmed it up. I had to move to 7070 because of some local QRM. Tried till just after 19.30. No joy but discovered that if I use long key wire and sit away from its is surprising stable. Checked it with a portable digital set. Didn't seem to bad.
The ham who sent me the email said he heard a weak signal on 7033 at 2.42 PM that ID'ed itself as VE3LYX.. Said he thought it was a "parasitic" and not the main signal but didn't bother to look for the real signal. I was on approx 7030 near as I could tell . He said the rig wobbled in freq on tune up and had some chirp. Said it sounded like an old one tube transmitter. His name was Rob Heath. I spit on my DX60B in his honour (but wiped it off quickly of course)
Don VE3LYX

---In AWAGroup@yahoogroups.com, <awagroup@yahoogroups.com> wrote:

I have a 45 TNT and I did have a Hartley for about a year but took it apart as I didn't really like its manners. (Not Hartleys in general. Just that particular one) The 45 TNT is OK but I would like to step it up a notch. Mostly everytime I enter the shack downstairs those two big 4 pin sockets look at me. I didn't figure a 211 would be ok but I can get them I believe. I have fired up on str key night , AWA QSO and even Bruce Kelly. Don't do well from here in heavy traffic as I am kinda in the middle of nowhere. (Pr Ed Cty. (North shore of Lake Ontario due north of Rochestor NY) I have best results on a quiet afternoon when everyone is at work etc and the band is open and quiet. So I have the TNT for my vintage efforts along with a single tube regen that works decently although I keep another rx on freq just in case.
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I have been using such an arrangement, for several years, and despite a very mediocre antenna system, I am consistently able to contact VE7SL, thanks to his "golden ears", plus many other, less distant AWA stations.

From: "dulmagedon@..." <dulmagedon@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, November 4, 2013 10:47 AM
Subject: [AWA Group] Acceptable1929 triodes

I have a giant 4 pin socket . is there an acceptable 1929 triode with good power I could use.?

Don
BTW working 7100 at every oppourtunity with my homebrew 56/42 tube CW transceiver

8433. GR Xtal Dope

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-05 01:44:55 UTC
From: Louis Vermond
Topic: 8433 Message: 8433

http://www.ietlabs.com/pdf/GR_Experimenters/1930/GenRad_Experimenter_Feb_1930.pdf

8434. RE: Re: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-05 01:54:49 UTC
From: <dulmagedon@...>
Topic: 8409 Message: 8434

Larry I checked it on QRZ.com. It says 373.2 miles from my QTH.
Don

---In AWAGroup@yahoogroups.com, <awagroup@yahoogroups.com> wrote:

On 11/1/13 6:27 AM, dulmagedon@... mailto:dulmagedon@... wrote:

When I turned on my computer after supper I had a signal report from a VA3 in the SOO saying he thought he was hearing a "parasitic " of my transmitter on 7033 and got my email from QRZ to advise me. Said signal was very weak with some chirp and was wobbly when tuning up. Since it was so weak he figured it wasn't my main signal. However I was sending on 7030 approx. (7033kc was his sig report)I was sad it didn't sound better but stoked that he heard this little peanut whistle that far away. He surmised that it was a one tuber (although this one is a mopa) I will attempt to clean up the signal a bit more before I try again but those of you who built , you know how exciting it is just to have your old wonky style rig heard when it is only a watt or so(or even less.) That is a long haul for this tiny rig.. Don

–

Don - About how far away from you was the op that heard you? (I don't know where SOO is, or what it stands for.)

73,
-Larry/NE1S

8435. Re: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-05 15:21:26 UTC
From: Larry Szendrei
Topic: 8409 Message: 8435

On 11/4/13 8:54 PM, dulmagedon@... wrote:
>
> Larry I checked it on QRZ.com. It says 373.2 miles from my QTH.
>
> Don
>
>
Pretty good, Don. Congrats!

-L

8436. de K1TG - A question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-05 16:57:40 UTC
From: Roger Kuchera
Topic: 8436 Message: 8436

Gentlemen,

I need to add a "spotting" switch to my vintage station. As it stands now the front-end of my RME-69 overloads (unless I reduce the RF gain) and groans.

I can use either xtal or VFO to drive the buffer stage.

I was wondering if a switch to lift the screen of the buffer from the HV line and ground it might work. Any scheme that will reduce the output to a very low level would be welcome. Suggestions? Ideas?

As always, any input is most appreciated. Thank you.

CUL, Roger/K1TG

8437. TX spotting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-06 12:47:23 UTC
From: <dulmagedon@...>
Topic: 8437 Message: 8437

Maybe not direct answer to the question but I use a simple 7400 chip crystal osc with a push button switch. I installed alligator clips on the side so I can clip any crystal style on. I use it a lot especially on my regens for matching the rx to the tx. Clipping the crystal first in the osc and pushing the button then setting the rx. I then pop it into the tx (my bare essentials 1 tube rig , and away I go. It works very well.
Don

8438. eBay Alert Beautiful...that's all

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-06 21:25:07 UTC
From: Louis Vermond
Topic: 8438 Message: 8438

http://www.ebay.com/itm/Nice-Antique-Vintage-Silver-Cockaday-Battery-Set-Radio-Receiver-1920s-/151157346268?pt=LH_DefaultDomain_0&hash=item2331ae0fdc#ht_36wt_975

8439. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-06 21:34:49 UTC
From: Louis Vermond
Topic: 130 Message: 8439

http://www.ebay.com/itm/Early-Spark-Transmitter-Kit-Spark-Coil-Tune-Coil-Spark-Key-and-Spark-Gap-/190954874363?pt=US_Ham_Radio_Transmitters&hash=item2c75cc25fb#ht_550wt_1213

8440. Re: [AWA Group] eBay Alert Beautiful...that's all

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-06 23:42:04 UTC
From: Jim Robson
Topic: 8438 Message: 8440

This would be a rare radio, nowadays. I have a re-print of Cockaday circuits, a noted electrical engineer of the era. Silver was a successful manufacturer; not sure of the business relationship. Bit more about Cockaday here:
http://www.duanesradios.info/html/cockaday_superheterodyne.html
Friendly fyi. 73, Jim.

On 06/11/13 4:25 PM, Louis Vermond wrote:
>
> http://www.ebay.com/itm/Nice-Antique-Vintage-Silver-Cockaday-Battery-Set-Radio-Receiver-1920s-/151157346268?pt=LH_DefaultDomain_0&hash=item2331ae0fdc#ht_36wt_975
> <http://www.ebay.com/itm/Nice-Antique-Vintage-Silver-Cockaday-Battery-Set-Radio-Receiver-1920s-/151157346268?pt=LH_DefaultDomain_0&hash=item2331ae0fdc#ht_36wt_975>
>

8441. RE: Re: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-06 22:41:08 UTC
From: <dulmagedon@...>
Topic: 8409 Message: 8441

Spent the whole day working on this lil rig and the shop power supply. Measured .045 ma at 250 volts key down. That is osc and PA. Still not happy with PA output. Maybe I expect too much. I don't really know. Even my 6l6gc tubes seem weak on output to me. What is the secret?
Don

---In AWAGroup@yahoogroups.com, <ne1s@...> wrote:

On 11/4/13 8:54 PM, dulmagedon@... mailto:dulmagedon@... wrote:

Larry I checked it on QRZ.com. It says 373.2 miles from my QTH.
Don

Pretty good, Don. Congrats!

-L

8442. Re: [AWA Group] Acceptable1929 triodes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-06 23:25:56 UTC
From: Larry Szendrei
Topic: 8426 Message: 8442

On 11/4/13 10:47 AM, dulmagedon@... wrote:
>
> I have a giant 4 pin socket . is there an acceptable 1929 triode with
> good power I could use.?
>
>
The 203, 203A, 211, or 845, if it's the socket I think it is.

73,
-Larry/NE1S

8443. RE: Re: [AWA Group] Acceptable1929 triodes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-07 15:42:24 UTC
From: <dulmagedon@...>
Topic: 8426 Message: 8443

I am leaning towards an 845 but I will build the thing in the meantime and use an 845 or a 211. Which ever is the most practical for me to purchase. The one with the cap or wart on the side is not welcome here. Too ugly!
Don

---In AWAGroup@yahoogroups.com, <ne1s@...> wrote:

On 11/4/13 10:47 AM, dulmagedon@... mailto:dulmagedon@... wrote:

I have a giant 4 pin socket . is there an acceptable 1929 triode with good power I could use.?

The 203, 203A, 211, or 845, if it's the socket I think it is.

73,
-Larry/NE1S

8444. eBay Alert For Roger...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-07 21:49:37 UTC
From: Louis Vermond
Topic: 8444 Message: 8444

http://www.ebay.com/itm/Panel-Meter-by-Westinghouse-0-1-RF-Amperes-U-S-N-Type-CAY-22130-A-/300917734504?pt=LH_DefaultDomain_0&hash=item4610183c68#ht_99wt_975

8445. RE: RE: Re: [AWA Group] Acceptable1929 triodes

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-08 00:34:53 UTC
From: <dulmagedon@...>
Topic: 8426 Message: 8445

Cut the board with legs today (Flamed Maple) Made and tested the coil. Started layout. Realized I dont have a good variable cap for that high voltage. May have to make one or something. Probably will make the gridleak stuff too.
Don

---In AWAGroup@yahoogroups.com, <dulmagedon@...> wrote:

I am leaning towards an 845 but I will build the thing in the meantime and use an 845 or a 211. Which ever is the most practical for me to purchase. The one with the cap or wart on the side is not welcome here. Too ugly!
Don

---In AWAGroup@yahoogroups.com, <ne1s@...> wrote:

On 11/4/13 10:47 AM, dulmagedon@... mailto:dulmagedon@... wrote:

I have a giant 4 pin socket . is there an acceptable 1929 triode with good power I could use.?

The 203, 203A, 211, or 845, if it's the socket I think it is.

73,
-Larry/NE1S

8446. BKP Announcement on Group Home Page

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-08 02:26:39 UTC
From: Louis Vermond
Topic: 8446 Message: 8446

Hello,

With Tim's encouragement I am adding to the Group home page an announcement of the Kelley Party.

Along with this, please send directly to me photographs of your 1929 stations, to be used as the group home page cover images. Let me know if you want your call displayed with the image.

I will change the announcement to suit upcoming on-air events.

73, Lou
VE3AWA
Ldvermond@...

8447. Ready for bruce

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-08 15:09:11 UTC
From: barry whittemore
Topic: 8447 Message: 8447

Last year was my first attempt at bruce kelley and i only made contacts on the second weekend, I also only did 40 meters. I now have an antenna and coil for 80 meters as well so hopefully ill get more contacts this year,
The 40 inv vee was good, but when i added the 80 to it, it changed the 40 resonance to 7350 so i had to add a foot of wire on each end. but both 80 and 40 are 1.2 to 1 or better. what is suggested freq for 80? i know 40 is 7110-7120 ish but not sure about 80.
My UY227 Hartley is ready to go. BTW the antenna is a temporary antenna that can get to the dining room where the 1929 is.

Barry
NF1O

8448. Re: [AWA Group] Ready for bruce

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-08 15:28:28 UTC
From: Larry Szendrei
Topic: 8447 Message: 8448

On 11/8/13 10:09 AM, barry whittemore wrote:
>
> Last year was my first attempt at bruce kelley and i only made
> contacts on the second weekend, I also only did 40 meters. I now have
> an antenna and coil for 80 meters as well so hopefully ill get more
> contacts this year,
> The 40 inv vee was good, but when i added the 80 to it, it changed the
> 40 resonance to 7350 so i had to add a foot of wire on each end. but
> both 80 and 40 are 1.2 to 1 or better. what is suggested freq for 80?
> i know 40 is 7110-7120 ish but not sure about 80.
> My UY227 Hartley is ready to go. BTW the antenna is a temporary
> antenna that can get to the dining room where the 1929 is.
>
> Barry
> NF1O
>
Barry,

3550- 3580KHz has been the "Bruce Kelley window" for as long as I have
been operating it (since 1995 or so). Back then it was only an 80M
event, there was no 40M or 160M operation.

I need to take a turn of each end of my 160M tank coil for the PP TNT in
hopes of improving my the quality of my 160M signal sometime between now
and the contest. Other than that I'm always ready to fire up the 1929
station.

My 260' centerfed is still up and working, but compromized in height
since I lost the center support a few months back. Some friends are
coming over tomorrow to help rectify that situation. The plan is to
replace the conductors with some #8 (or is it #6?) phosphor bronze wire
that came from Rocky Point via W2ER via W1FPZ, and shoot it up over the
trees so that a center support won't be necessary. That wire will need
more robust open-wire feedline, insulators, and supports, as well.

73,
-Larry/NE1S

8449. RE: [AWA Group] Ready for bruce

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-08 15:39:05 UTC
From: barry whittemore
Topic: 8447 Message: 8449

Hi Larry,
Since my main Ham radio interest is DXing with my K3, All of my HF antennas except the Triband beam are wire verticals with raised radials. They stay up better and work well for lower angle stuff. I figure for Bruce i need more of an NVIS approach and have the 80-40 fan dipole (Inv Vee) supported at the top of the roof tower and sloping down. I have an old ski pole clamped to the tower with a pulley out on the end. I just pull the end up when i need it.
Its made with some surplus 16 AWG wire.
Anyway, the 1929 TX does not get a home in my shack due to space limitations so i use it on a table in the dining room. the antenna is on that side of the house so its a good fit.
Ill be listening for you.
barry

To: AWAGroup@...m
From: ne1s@...
Date: Fri, 8 Nov 2013 10:28:28 -0500
Subject: Re: [AWA Group] Ready for bruce

On 11/8/13 10:09 AM, barry whittemore
wrote:

Last year was my first attempt at bruce
kelley and i only made contacts on the second weekend, I
also only did 40 meters. I now have an antenna and coil
for 80 meters as well so hopefully ill get more contacts
this year,

The 40 inv vee was good, but when i added the 80 to it, it
changed the 40 resonance to 7350 so i had to add a foot of
wire on each end. but both 80 and 40 are 1.2 to 1 or
better. what is suggested freq for 80? i know 40 is
7110-7120 ish but not sure about 80.

My UY227 Hartley is ready to go. BTW the antenna is a
temporary antenna that can get to the dining room where
the 1929 is.

Barry

NF1O

Barry,

3550- 3580KHz has been the "Bruce Kelley window" for as long as I
have been operating it (since 1995 or so). Back then it was only an
80M event, there was no 40M or 160M operation.

I need to take a turn of each end of my 160M tank coil for the PP TNT in hopes of improving my the quality of my 160M signal sometime between now and the contest. Other than that I'm always ready to fire up the 1929 station.

My 260' centerfed is still up and working, but compromized in height since I lost the center support a few months back. Some friends are coming over tomorrow to help rectify that situation. The plan is to replace the conductors with some #8 (or is it #6?) phosphor bronze wire that came from Rocky Point via W2ER via W1FPZ, and shoot it up over the trees so that a center support won't be necessary. That wire will need more robust open-wire feedline, insulators, and supports, as well.

73,

-Larry/NE1S

8450. KF5EVV -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-09 16:12:36 UTC
From: Mike Feher
Topic: 8450 Message: 8450

Please welcome Preston to the group, who sent the following introduction:

"Sorry for the delay the yahoo account is not my main account my name is Preston Clark I am 46 a general class ham interested in building my own ham radio gear I have my dad 1936 Philco radio I would like to restore think the newer hams are missing the fun of building there own equipment I have only been a ham for three years 73"

73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

8451. KF5EVV -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-09 16:18:10 UTC
From: Louis Vermond
Topic: 8450 Message: 8451

Hello Preston and welcome.

How did you learn of this Group?

73, Lou
VE3AWA

8452. New member

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-10 04:45:51 UTC
From: Roger Kuchera
Topic: 3494 Message: 8452

```
Howdy Preston,
      Welcome aboard!!

CUL, Roger/K1TG
```

8453. wrl globetrotter

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-10 21:25:05 UTC
From: Jim Robson
Topic: 8446 Message: 8453

Greetings--I have a McElroy mt-35 transmitter I would like to take a run at restoring. I understand the WRL Globetrotter is based on this transmitter. Would any of the members have a schematic of the WRL Globetrotter? 73, Jim/VE3BHK

8454. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-11 08:24:48 UTC
From: Louis Vermond
Topic: 130 Message: 8454

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=301013841469&ssPageName=ADME:B:SS:US:3160

8455. eBay Alert FB-7 80 mtr Coils!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-11 08:29:15 UTC
From: Louis Vermond
Topic: 8455 Message: 8455

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=310792619274&ssPageName=ADME:B:SS:US:3160

8456. Want: Copy of page 8 from Feb 1924 QST

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-11 23:07:03 UTC
From: Don Buska - The Radio Lab Works
Topic: 8456 Message: 8456

Hi Gang,

I need a scan of page 8 from the February 1924 QST which is part of the article Low Loss Tuners by Kruse. On the ARRL website of archived articles page 11 is in place of page 8. Thus they have two page 11's. I also checked my QST View CD's and low and behold it has the same error.

Can someone who has the real thing check their QST and possible email me a scan of page 8 from this article.

Thanks in advance es 73

Don N9OO

--

8457. Re: [AWA Group] Want: Copy of page 8 from Feb 1924 QST

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-11 23:12:44 UTC
From: Paul Christensen
Topic: 8456 Message: 8457

Don,

I have it but will need to send it to you through by PM. I've sent an error report of that problem. Hopefully, they will soon correct all page discrepancies.

Paul, W9AC

----- Original Message -----
From: Don Buska - The Radio Lab Works
To: AWAGroup@yahoogroups.com
Sent: Monday, November 11, 2013 6:07 PM
Subject: [AWA Group] Want: Copy of page 8 from Feb 1924 QST

Hi Gang,

I need a scan of page 8 from the February 1924 QST which is part of the article Low Loss Tuners by Kruse. On the ARRL website of archived articles page 11 is in place of page 8. Thus they have two page 11's. I also checked my QST View CD's and low and behold it has the same error.

Can someone who has the real thing check their QST and possible email me a scan of page 8 from this article.

Thanks in advance es 73

Don N9OO

--

8458. Re: [AWA Group] Want: Copy of page 8 from Feb 1924 QST

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-12 00:23:23 UTC
From: Don Buska - The Radio Lab Works
Topic: 8456 Message: 8458
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks to Paul W9AC and Niel W0VLZ for sending me what I needed.

Great Group es 73
Don N9OO

On 11/11/2013 5:07 PM, Don Buska - The Radio Lab Works wrote:
>
> Hi Gang,
>
> I need a scan of page 8 from the February 1924 QST which is part of
> the article Low Loss Tuners by Kruse. On the ARRL website of archived
> articles page 11 is in place of page 8. Thus they have two page
> 11's. I also checked my QST View CD's and low and behold it has the
> same error.
>
> Can someone who has the real thing check their QST and possible email
> me a scan of page 8 from this article.
>
> Thanks in advance es 73
>
> Don N9OO
>
> --
>
>

--

8459. Re: [AWA Group] Want: Copy of page 8 from Feb 1924 QST - ERROR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-12 03:23:25 UTC
From: Garey Barrell
Topic: 8456 Message: 8459

I had a similar problem.... There are several errors in that first CD. I forget now which ones, but I think 1944 is
actually 1945, and so is 1945! May be the wrong years but in that area.

I sent an email to ARRL and they sent me a replacement WITHOUT those errors. I just checked, and my 'new' one has page
8 and page 11 where they belong.

FYI.

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Don Buska - The Radio Lab Works wrote:
> Thanks to Paul W9AC and Niel W0VLZ for sending me what I needed.
>
> Great Group es 73
> Don N9OO
>
> On 11/11/2013 5:07 PM, Don Buska - The Radio Lab Works wrote:
>>
>> Hi Gang,
>>
>> I need a scan of page 8 from the February 1924 QST which is part of the article Low Loss Tuners by Kruse. On the
>> ARRL website of archived articles page 11 is in place of page 8. Thus they have two page 11's. I also checked my QST
>> View CD's and low and behold it has the same error.
>>
>> Can someone who has the real thing check their QST and possible email me a scan of page 8 from this article.
>>
>> Thanks in advance es 73
>>
>> Don N9OO
>>
>> --
>>
>
> --

8460. Re: [AWA Group] Want: Copy of page 8 from Feb 1924 QST - ERROR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-12 04:55:22 UTC
From: Don Buska - The Radio Lab Works
Topic: 8456 Message: 8460
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Garey.
I made a mistake, it was page 9 that was actually a duplicate of page 11. Both those pages actually look similar in that they have a schematic and picture of a regen tuner.

I didn't know there were other major errors. Funny that the ARRL website has the same error above in their on-line offering.

73
Don N9OO

On 11/11/2013 9:23 PM, Garey Barrell wrote:
>
> I had a similar problem.... There are several errors in that first CD.
> I forget now which ones, but I think 1944 is
> actually 1945, and so is 1945! May be the wrong years but in that area.
>
> I sent an email to ARRL and they sent me a replacement WITHOUT those
> errors. I just checked, and my 'new' one has page
> 8 and page 11 where they belong.
>
> FYI.
>
> 73, Garey - K4OAH
> Glen Allen, VA
>
> Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
> and TR-4/C Service Supplement CDs
> <www.k4oah.com>
>
> Don Buska - The Radio Lab Works wrote:
> > Thanks to Paul W9AC and Niel W0VLZ for sending me what I needed.
> >
> > Great Group es 73
> > Don N9OO
> >
> > On 11/11/2013 5:07 PM, Don Buska - The Radio Lab Works wrote:
> >>
> >> Hi Gang,
> >>
> >> I need a scan of page 8 from the February 1924 QST which is part of
> the article Low Loss Tuners by Kruse. On the
> >> ARRL website of archived articles page 11 is in place of page 8.
> Thus they have two page 11's. I also checked my QST
> >> View CD's and low and behold it has the same error.

> >>
> >> Can someone who has the real thing check their QST and possible
> email me a scan of page 8 from this article.
> >>
> >> Thanks in advance es 73
> >>
> >> Don N9OO
> >>
> >> --
> >>
> >
> > --
>
>

--

8461. My Hb regen transceiver revisted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-12 02:47:02 UTC
From: <dulmagedon@...>
Topic: 8461 Message: 8461

This isn't the little 56 tube deal. Tis is a big one I built a couple of years ago in a 1920s wooden radio cabinet. It has my version of the powerhouse two tube regen from electronics illustrated on receive and a souped up ersion of electroinic bunker's am broadcaster on transmit. It is a single control radio using a large dual gang from a 1930 radio. Tubes are on receive 6sl7 osc audio plus rf preamp in a kinda of reflex deally. That drives a 6v6 for audio power thru a transformer to a speaker. It is a Hartley based regen circuit basically. The transmit has the exact same circuit in its osc section as the regen does I its regen detector except voltage is just above osc point rather than just below as in the regen. The plug in coils between the two are interchangeable. The tube is a 12BH7 and on transmit the osc is switched on while the regen dector 6SL7 is turned off . It can be keyed on Cw or modulated with a carbon mike battery transformer circuit the drives the other half of the 6BH7 . The Osc goes to control grid and the modulator goes to screen which is cut to a low value when the CW mode switch is switched to AM. Because of its design it is controlled carrier and picks up the carrier strength nicely when you talk but drops it to a minimum when you are silent. The PA tube is a 6L6EH tall boy. I had never gotten this rig working like I thought it should have power wise. However during my recent 811A linear build I learned a few thing about RF PAs . So after fixing my power supply design so I could use it with a regen I set about redesigning my tanks circuit. Just little deals I recently discovered. Rig went from just barley tickling the FS meter in the shack (you could just see it wiggle sometimes) to running 1/2 scale . No parts BTW just reconfiguration. I am stoked. It is good for 80M or 40M so when the band is hot someday I will switch to this rig and see if I can bag one.(A QSO barefoot) As Winston Churchill once said "Never give up!"
Don

8462. Re: [AWA Group] Want: Copy of page 8 from Feb 1924 QST - ERROR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-12 14:32:12 UTC
From: Garey Barrell
Topic: 8456 Message: 8462

Don -

Now you have my curiosities up! I just checked again, and I have pages 8, 9, 10, 11, and 12 right where they should
be. The files on the CD are dated 4/28/98, same as the 'wrong' files! So apparently the mistake was transferring from
the scans to the CD. They had the right pages scanned, just put them in the wrong place.

The file names are two pages 'ahead' of the real pages because of the covers. On the BAD CD, the 'bad' page 11 file is
named '240211', and has an out of range date of 8/3/98. The 'real' page 11 is correctly named '240213', and has a date
of 10/1/98. The majority of the pages are dated 4/16/98. Looks like someone went in to replace page 11, and named it
240211. When it went on the CD, it replaced page 9 because of the file name mistake.

The errors I found years ago were related to 1927 pages substituted into 1929 issues.

The July 1929 CD has pages 15, 27, 32, 35 and 39 from the July 1927 issue.

The August 1929 CD has pages 27, 30, 32, 35, 39, 40, 67 and 68 from the August 1927 issue.

The June and September issues are correct, and I didn't explore any further.

I don't know where my 40's 'problem' came from????

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

Don Buska - The Radio Lab Works wrote:
> Thanks Garey.
> I made a mistake, it was page 9 that was actually a duplicate of page 11. Both those pages actually look similar in
> that they have a schematic and picture of a regen tuner.
>
> I didn't know there were other major errors. Funny that the ARRL website has the same error above in their on-line
> offering.
>
> 73
> Don N9OO
>
> On 11/11/2013 9:23 PM, Garey Barrell wrote:

>>
>> I had a similar problem.... There are several errors in that first CD. I forget now which ones, but I think 1944 is
>> actually 1945, and so is 1945! May be the wrong years but in that area.
>>
>> I sent an email to ARRL and they sent me a replacement WITHOUT those errors. I just checked, and my 'new' one has page
>> 8 and page 11 where they belong.
>>
>> FYI.
>>
>> 73, Garey - K4OAH
>> Glen Allen, VA
>>
>> Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
>> and TR-4/C Service Supplement CDs
>> <www.k4oah.com>
>>
>> Don Buska - The Radio Lab Works wrote:
>> > Thanks to Paul W9AC and Niel W0VLZ for sending me what I needed.
>> >
>> > Great Group es 73
>> > Don N9OO
>> >
>> > On 11/11/2013 5:07 PM, Don Buska - The Radio Lab Works wrote:
>> >>
>> >> Hi Gang,
>> >>
>> >> I need a scan of page 8 from the February 1924 QST which is part of the article Low Loss Tuners by Kruse. On the
>> >> ARRL website of archived articles page 11 is in place of page 8. Thus they have two page 11's. I also checked my QST
>> >> View CD's and low and behold it has the same error.
>> >>
>> >> Can someone who has the real thing check their QST and possible email me a scan of page 8 from this article.
>> >>
>> >> Thanks in advance es 73
>> >>
>> >> Don N9OO
>> >>
>>

8463. Re: [AWA Group] Want: Copy of page 8 from Feb 1924 QST - ERROR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-12 15:05:18 UTC
From: Don Buska - The Radio Lab Works
Topic: 8456 Message: 8463

Wow Garey that is some really good analysis of the errors. I spot checked my 1915-1929 disc set and sure enough it is wrong just as you indicated. These problems probably came from the early days before the ARRL took over their distribution. Terry at Radio Era Archives did them originally, with the ARRL's blessing. Terry used my RCA HB3 Tube Manual set to make that series of CD's. I'm happy the ARRL took over and created the newer AVIEW application as the original software wasn't very good for searching. I'm not sure if AVIEW has ever been made free to distribute. I had to buy the Communications Quarterly CD to get the newer AVIEW software.

Anyhoot I digress. Thanks Garey for making it clear. I'll need to pay closer attention in the future when I'm using my QST CD's (and the ARRL website too).

73
Don N9OO

8464. Re: [AWA Group] Want: Copy of page 8 from Feb 1924 QST - ERROR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-12 17:29:28 UTC
From: Don Buska - The Radio Lab Works
Topic: 8456 Message: 8464

I was also thinking in hindsight they should have numbered the cover
something like 2402C1, 2402C2...C3..C4 for the covers and inside covers
on the file names. That way the file name last two digits when they
were actual numbers would always represent the "real" page numbers.
It's always easier to think of the right way to do it long after, hi hi.

73
Don N9OO

8465. Re: [AWA Group] Want: Copy of page 8 from Feb 1924 QST - ERROR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-12 18:18:57 UTC
From: Garey Barrell
Topic: 8456 Message: 8465

Don -

Yeah, Ham Radio Magazine DID learn on their CDs.....

73, Garey - K4OAH
Glen Allen, VA

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and TR-4/C Service Supplement CDs
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> 73
> Don N9OO
>

8466. Re: Re: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-14 02:12:18 UTC
From: Ron Barlow
Topic: 8409 Message: 8466

Inadequate drive to PA, excessive tank circuit losses, and impedance mismatch (to load), would be among the most probable suspects.
GL de Ron

From: "dulmagedon@..." <dulmagedon@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, November 6, 2013 5:41 PM
Subject: RE: Re: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

Spent the whole day working on this lil rig and the shop power supply. Measured .045 ma at 250 volts key down. That is osc and PA. Still not happy with PA output. Maybe I expect too much. I don't really know. Even my 6l6gc tubes seem weak on output to me. What is the secret?
Don

---In AWAGroup@yahoogroups.com, <ne1s@...> wrote:

On 11/4/13 8:54 PM, dulmagedon@... wrote:

>>Larry I checked it on QRZ.com. It says 373.2 miles from my QTH.
>>Don
>>Pretty good, Don. Congrats!
>
>-L
>

8467. Announcing the AWA Bruce Kelley 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-14 03:41:42 UTC
From: whitebear1122@...
Topic: 8467 Message: 8467

It's time to dust off those 1929 transmitters and get them chirping again. A PDF of the log sheet is up on the AWA webpage. I will have them put a WORD version up there so you can do electronic entry and email it to me. I will acknowledge that there is a small group of die hards who use their 1929 gear all year long so they don't have to dust anything off. hi hi

The 2013 Bruce Kelley 1929 QSO Party

The Bruce Kelly 1929 QSO Party is a yearly AWA sponsored event where participants build their own transmitters using the designs, techniques, and tubes that were available in 1929 and earlier, and then put those classic transmitters on the air and try to contact as many other 1929 stations as possible. Since they use early designs, it is a cacophony of whooping, chirping, buzzing, clicking, drifting, swishing, swaying, warbling, and other interesting signals. This is what ham radio sounded like in 1929 and for two weekends in December it’s 1929 again on the ham bands. Last year sixty seven brave stations ventured down into the hinterlands of 1929! The 1929 QSO Party was started in the early 1990’s and championed for many years by Bruce Kelly W2ICE, an AWA co-founder. Prior to Bruce’s passing, he asked his close friend John Rollins W1FPZ to keep the 29 QSO Party going. John Rollins managed the QSO party for many years and renamed it the Bruce Kelly 1929 QSO Party in honor of Bruce. Nine years ago John Rollins asked me to manage the 29 QSO Party for him and Bruce, and to keep the evening alive because it meant so much to both of them.

Dates and Times: First two weekends of December, Saturday Dec 7 through Sunday Dec 8, and Saturday Dec 14 through Sunday Dec 15. Starts at 2300Z (6:00 PM EST) Saturday night and finishes at 2300Z (6:00 PM EST) Sunday night, both weekends.

Objective: Contact as many 1929 stations as possible. Contact exchange consists of RST, Name, QTH (State such as ME or MN or NY), last two digits of the year of the transmitters design or publication (such as 29 or 27 or 23), type of transmitter (such as TNT or TGTP or MOPA or COLPITTS), and power input (such as 6W or 9W).

Rules: Transmitters must be 1929 or earlier types of self oscillators such as the Hartley, TNT , PP tuned grid tuned plate, MOPA, Colpitts, etc. No crystal oscillators. Tubes must have been available during or before 1929. Typical tubes often used are type 10, 45, 27, 211, 71A. Individual stations can be worked only once on each band over the course of two weekends. You can use any vintage or modern receiver that you wish. The event is open to all 1929 stations including non-AWA members and AWA members. You are encouraged to join the AWA and support 1929 radio!

Input Power: Transmitters are limited to a power INPUT of 10 watts or less. However, to help make East-West contacts, power may be increased to 20 watts INPUT between the hours of 0500Z (12 Midnight EST) and 1300Z (8 AM EST). Note this is INPUT power. Power input is calculated by multiplying PA plate voltage x total PA plate current. Example: my plate voltage is 300 volts dc, and plate current is 30 ma, so total input power is 300 x 0.030 = 9 watts input.

Frequencies: The QSO Party typically operates between 1800 to 1810 Kcs, 3550 to 3580 Kcs , 7100 to 7125 Kcs, plus or minus depending on QRM. Last year 12 brave souls ventured down

into the ‘hinterlands’ of 160 meters for the first time. 40 meter activity is up significantly because of it has both night time AND daytime propagation! So when 80 shuts down Sunday morning, I hope to see you on 40m.

Logs: Please submit your log so we can see who you worked and acknowledge your effort! Either electronically email your log to Scott at wa9wfa@... or mail via post office to: Scott Freeberg WA9WFA, 327 Wildwood Avenue, Saint Paul, MN 55110. Logs must be in the 1929 QSO Party log format otherwise it will be difficult to score you. An official 1929 log sheet will be available for download from the AWA website. Please do not email logs to any other email address except to the WA9WFA account. Because of email problems in the past, I will acknowledge receipt of all email logs. If you do not receive an acknowledgement within a couple weeks, better check with me to make sure I received it.

Scoring: Remember that contacts with modern stations DO NOT COUNT. Only count legitimate 1929 contacts. If you are contacted by a modern station, be polite, mention the AWA QSO Party and point them to the webpage for more information, then move on, or QSO them if you wish. Often QSO Party participants will spare a moment to make a brief modern QSO and 73. We will count contacts with W2AN, the AWA club station. Scoring is simple. Add up the number of legitimate 1929 QSO’s. Example: if you make 15 QSO’s on 80 meters,10 QSO’s on 40 meters, and 5 QSO’s on 160 meters, your final score is 30. All submitted logs will be scored and the results published in the AWA Journal. Please submit logs by January 15, 2014.

Good luck to all participants and please send me a photo of your 1929 station. Thanks. 73, Scott WA9WFA

8468. RE: Re: Re: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-14 11:32:05 UTC
From: <dulmagedon@...>
Topic: 8409 Message: 8468

I discovered I have a real bad tendency to try and couple link circuits too close. I tried loosening up the coupling on my 4 tube transceiver's PA tank (6l6EH) and went from about a 1/4 watt to several watts output. SO thinking maybe it was just a fluke I took my 6l6ga stand alone linear and tried the same. Instant cure. Good power. PS cant keep up for long. So I made the same mod to the 56/42 transceiver. Also good results. I am putting it away now. It is working probably as good as it ever will. Obviously transmits decently and receives as well. Now I am working on my 211 Hartley project. Have a lot done. And filling my piggy bank for a new tube for it. Wound the tank coil and adjustable link out from 5/16copper tubing but in a spiral or flat design. Tested it with m variable cap using my GDO. Bang on 40M. Made all wiring from hard copper wire like was used in early 1920s battery sets. I was given several rolls of the stuff . Grid leak is adjustable (C) as is plate to antenna ca.
Biggest problem is sanding the ruf sawn flamed maple smooth. That stuff is tuf!. Going to try it on 770 volts first since I have that in a bench hb PS. After that we shall see but I am leaning to ward a real vintage matching power supply. Got a good 80 rectifier tube of the ballon style that would look good with an early transformer. Don

---In AWAGroup@yahoogroups.com, <imalowfer@...> wrote:

Inadequate drive to PA, excessive tank circuit losses, and impedance mismatch (to load), would be among the most probable suspects.
GL de Ron

From: "dulmagedon@..." <dulmagedon@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, November 6, 2013 5:41 PM
Subject: RE: Re: [AWA Group] Two tube (56 & 47) transmitter heard in the Soo!

Spent the whole day working on this lil rig and the shop power supply. Measured .045 ma at 250 volts key down. That is osc and PA. Still not happy with PA output. Maybe I expect too much. I don't really know. Even my 6l6gc tubes seem weak on output to me. What is the secret?
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On 11/4/13 8:54 PM, dulmagedon@... mailto:dulmagedon@... wrote:

Larry I checked it on QRZ.com. It says 373.2 miles from my QTH.
Don

Pretty good, Don. Congrats!

-L

8469. RE: Announcing the AWA Bruce Kelley 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-16 03:33:37 UTC
From: <dulmagedon@...>
Topic: 8467 Message: 8469

Been working feverishly. Here is my new Hartley (see Hartley under my folders.waiting for its 211 tube to arrive.
Don VE3LYX

---In AWAGroup@yahoogroups.com, <whitebear1122@...> wrote:

It's time to dust off those 1929 transmitters and get them chirping again. A PDF of the log sheet is up on the AWA webpage. I will have them put a WORD version up there so you can do electronic entry and email it to me. I will acknowledge that there is a small group of die hards who use their 1929 gear all year long so they don't have to dust anything off. hi hi

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Good luck to all participants and please send me a photo of your 1929 station. Thanks. 73, Scott WA9WFA

8470. Re: [AWA Group] RE: Announcing the AWA Bruce Kelley 1929 QSO Party...211

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-16 13:46:59 UTC
From: Poli, Louis (US SSA)
Topic: 8467 Message: 8470

Hi Don;
Hoping to participate too. I do a great deal of business travel and I hope I can finish the station hardware.

Can you share with me where you are obtaining the 211 tube.

I have never seen one offered in the very good Hamfests; although many other unusual ones are always available.

Also, the specs on the tube downloaded from "franks" tube site and the like, show the manufacturer's data sheets published as late as 1939.

Where can we find the confirmation, that
It was available in 1929.

Regards,
Louis. N3OL

From: dulmagedon@yahoo.ca [mailto:dulmagedon@yahoo.ca]
Sent: Friday, November 15, 2013 10:33 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: [AWA Group] RE: Announcing the AWA Bruce Kelley 1929 QSO Party

Been working feverishly. Here is my new Hartley (see Hartley under my folders.waiting for its 211 tube to arrive.

Don VE3LYX

---In AWAGroup@yahoogroups.com, <whitebear1122@...> wrote:

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Frequencies: The QSO Party typically operates between 1800 to 1810 Kcs, 3550 to 3580 Kcs , 7100 to 7125 Kcs, plus or minus depending on QRM. Last year 12 brave souls ventured down into the ‘hinterlands’ of 160 meters for the first time. 40 meter activity is up significantly because of it has both night time AND daytime propagation! So when 80 shuts down Sunday morning, I hope to see you on 40m.

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8471. Re: Announcing the AWA Bruce Kelley 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-16 14:43:34 UTC
From: Niel - W0VLZ
Topic: 8467 Message: 8471

Anyone running a 211 at 10 watts? What plate voltage? How much out for 10 watts in?

73,
Niel - W0VLZ

dulmagedon@... wrote:
>
> Been working feverishly. Here is my new Hartley (see Hartley under my
> folders.waiting for its 211 tube to arrive.
>
> Don VE3LYX
>
>
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> *Logs:*Please submit your log so we can see who you worked and
> acknowledge your effort!Either electronically email your log to Scott
> at wa9wfa@... <mailto:wa9wfa@...> or mail via post office to: Scott
> Freeberg WA9WFA, 327 Wildwood Avenue, Saint Paul, MN 55110.Logs
> */must/ *be in the 1929 QSO Party log format otherwise it will be
> difficult to score you.An official 1929 log sheet will be available
> for download from the AWA website.Please do not email logs to any
> other email address except to the WA9WFA account.Because of email
> problems in the past, I will acknowledge receipt of all email logs.If
> you do not receive an acknowledgement within a couple weeks, better
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> modern station, be polite, mention the AWA QSO Party and point them to

> the webpage for more information, then move on, or QSO them if you
> wish.Often QSO Party participants will spare a moment to make a brief
> modern QSO and 73.We will count contacts with W2AN, the AWA club
> station.Scoring is simple.Add up the number of legitimate 1929
> QSO’s.Example:if you make 15 QSO’s on 80 meters,10 QSO’s on 40 meters,
> and 5 QSO’s on 160 meters, your final score is 30.All submitted logs
> will be scored and the results published in the AWA Journal.Please
> submit logs by January 15, 2014.
>
> Good luck to all participants and please send me a photo of your 1929
> station.Thanks.73, Scott WA9WFA
>
>
>

8472. RE: Announcing the AWA Bruce Kelley 1929 QSO Party

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-16 18:20:21 UTC
From: <bbc39668@...>
Topic: 8467 Message: 8472

Niel, I fired up my 211 Hartley this morning and with 200 VDC I am drawing 45 mA for 9 Watts input and seeing about 2 Watts out.

73,

Joe N2OUV

---In awagroup@yahoogroups.com, <w0vlz@...> wrote:

Anyone running a 211 at 10 watts? What plate voltage? How much out for
10 watts in?

73,
Niel - W0VLZ

dulmagedon@... mailto:dulmagedon@... wrote:
>
> Been working feverishly. Here is my new Hartley (see Hartley under my
> folders.waiting for its 211 tube to arrive.
>
> Don VE3LYX
>
>
>
> ---In AWAGroup@yahoogroups.com mailto:AWAGroup@yahoogroups.com, <whitebear1122@...>
wrote:
>
> It's time to dust off those 1929 transmitters and get them chirping
> again. A PDF of the log sheet is up on the AWA webpage. I will have
> them put a WORD version up there so you can do electronic entry and
> email it to me. I will acknowledge that there is a small group of die
> hards who use their 1929 gear all year long so they don't have to dust
> anything off. hi hi
>
> *The 2013 Bruce Kelley 1929 QSO Party*
>
> The Bruce Kelly 1929 QSO Party is a yearly AWA sponsored event where
> participants build their own transmitters using the designs,
> techniques, and tubes that were available in 1929 and earlier, and
> then put those classic transmitters on the air and try to contact as
> many other 1929 stations as possible.Since they use early designs, it
> is a cacophony of whooping, chirping, buzzing, clicking, drifting,
> swishing, swaying, warbling, and other interesting signals.This is
> what ham radio sounded like in 1929 and for two weekends in December
> it’s 1929 again on the ham bands. Last year sixty seven brave stations
> ventured down into the hinterlands of 1929!The 1929 QSO Party was

> started in the early 1990’s and championed for many years by Bruce
> Kelly W2ICE, an AWA co-founder.Prior to Bruce’s passing, he asked his
> close friend John Rollins W1FPZ to keep the 29 QSO Party going. John
> Rollins managed the QSO party for many years and renamed it the _Bruce
> Kelly 1929 QSO Party_ in honor of Bruce.Nine years ago John Rollins
> asked me to manage the 29 QSO Party for him and Bruce, and to keep the
> evening alive because it meant so much to both of them.
>
> *Dates and Times:*First two weekends of December, Saturday Dec 7
> through Sunday Dec 8, and Saturday Dec 14 through Sunday Dec 15.Starts
> at 2300Z (6:00 PM EST) Saturday night and finishes at 2300Z (6:00 PM
> EST) Sunday night, both weekends.
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> *Objective:*Contact as many 1929 stations as possible.Contact exchange
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> digits of the year of the transmitters design or publication (such as
> 29 or 27 or 23), type of transmitter (such as TNT or TGTP or MOPA or
> COLPITTS), and power input (such as 6W or 9W).
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> *Rules:*Transmitters must be 1929 or earlier types of self oscillators
> such as the Hartley, TNT, PP tuned grid tuned plate, MOPA, Colpitts,
> etc.No crystal oscillators.Tubes must have been available during or
> before 1929.Typical tubes often used are type 10, 45, 27, 211,
> 71A.Individual stations can be worked only once on each band over the
> course of two weekends. You can use any vintage or modern receiver
> that you wish.The event is open to all 1929 stations including non-AWA
> members and AWA members.You are encouraged to join the AWA and support
> 1929 radio!
>
> *Input Power:*Transmitters are limited to a power INPUT of 10 watts or
> less.However, to help make East-West contacts, power may be increased
> to 20 watts INPUT between the hours of 0500Z (12 Midnight EST) and
> 1300Z (8 AM EST).Note this is INPUT power.Power input is calculated by
> multiplying PA plate voltage x total PA plate current.Example:my plate
> voltage is 300 volts dc, and plate current is 30 ma, so total input
> power is 300 x 0.030 =9 watts input.
>
> *Frequencies: *The QSO Party typically operates between 1800 to 1810
> Kcs, 3550 to 3580 Kcs , 7100 to 7125 Kcs, plus or minus depending on
> QRM.Last year 12 brave souls ventured down into the ‘hinterlands’ of
> 160 meters for the first time.40 meter activity is up significantly
> because of it has both night time AND daytime propagation!So when 80
> shuts down Sunday morning, I hope to see you on 40m.
>
> *Logs:*Please submit your log so we can see who you worked and
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> Good luck to all participants and please send me a photo of your 1929
> station.Thanks.73, Scott WA9WFA
>
>
>

8473. Tube dates

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-16 19:49:39 UTC
From: Roger Kuchera
Topic: 8473 Message: 8473
Attachments: 3 described; binary payloads are missing from this source WARC

Gentlemen,
Here is a list of tubes and their release dates. It is from an old QST. Unfortunately there is no date on the 211.

CUL, Roger/K1TG

8474. Re: [AWA Group] Tube dates [3 Attachments]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-16 19:54:03 UTC
From: Eddy Swynar
Topic: 8473 Message: 8474

Hi Guys,

I believe the 211 was first marketed in the same year as the 203A, which was 1921, I believe...

~73~ de Eddy VE3CUI - VE3XZ

On 2013-11-16, at 2:49 PM, Roger Kuchera wrote:

>
> Gentlemen,
> Here is a list of tubes and their release dates. It is from an old
> QST. Unfortunately there is no date on the 211.
>
> CUL, Roger/K1TG
>
>
> <TubeTable1.jpg><TubeTable2.jpg><TubeTable3.jpg>

8475. RE: [AWA Group] Tube dates [3 Attachments]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-16 20:41:45 UTC
From: Mike Feher
Topic: 8473 Message: 8475

My signal corps BC-114 transmitter made in 1922 used three VT-4 tubes, which are 211s. The 211A was introduced commercially in late 1921 according to Tyne. At that time only WE made them. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Saturday, November 16, 2013 2:50 PM
To: AWA
Subject: [AWA Group] Tube dates [3 Attachments]

Gentlemen,

Here is a list of tubes and their release dates. It is from an old

QST. Unfortunately there is no date on the 211.

CUL, Roger/K1TG

8476. RE: Re: [AWA Group] RE: Announcing the AWA Bruce Kelley 1929 QSO Party...211

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-17 03:16:02 UTC
From: <dulmagedon@...>
Topic: 8467 Message: 8476

There are a couple of hundred for sale on ebay including brand new. The tube depot has them as does QRO plus the audiofiles are using them and selling them as well.
Don

---In AWAGroup@yahoogroups.com, <louis.poli@...> wrote:

Hi Don;
Hoping to participate too. I do a great deal of business travel and I hope I can finish the station hardware.

Can you share with me where you are obtaining the 211 tube.

I have never seen one offered in the very good Hamfests; although many other unusual ones are always available.

Also, the specs on the tube downloaded from "franks" tube site and the like, show the manufacturer's data sheets published as late as 1939.

Where can we find the confirmation, that
It was available in 1929.

Regards,
Louis. N3OL

From: dulmagedon@... [mailto:dulmagedon@...]
Sent: Friday, November 15, 2013 10:33 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: [AWA Group] RE: Announcing the AWA Bruce Kelley 1929 QSO Party

Been working feverishly. Here is my new Hartley (see Hartley under my folders.waiting for its 211 tube to arrive.
Don VE3LYX

---In AWAGroup@yahoogroups.com, <whitebear1122@...> wrote:

It's time to dust off those 1929 transmitters and get them chirping again. A PDF of the log sheet is up on the AWA webpage. I will have them put a WORD version up there so you can do electronic entry and email it to me. I will acknowledge that there is a small group of die hards who use their 1929 gear all year long so they don't have to dust anything off. hi hi

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Logs: Please submit your log so we can see who you worked and acknowledge your effort! Either electronically email your log to Scott at wa9wfa@... or mail via post office to: Scott Freeberg WA9WFA, 327 Wildwood Avenue, Saint Paul, MN 55110. Logs must be in the 1929 QSO Party log format otherwise it will be difficult to score you. An official 1929 log sheet will be available for download from the AWA website. Please do not email logs to any other email address except to the WA9WFA account. Because of email problems in the past, I will acknowledge receipt of all email logs. If you do not receive an acknowledgement within a couple weeks, better check with me to make sure I received it.

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Good luck to all participants and please send me a photo of your 1929 station. Thanks. 73, Scott WA9WFA

8477. RE: RE: Re: [AWA Group] RE: Announcing the AWA Bruce Kelley 1929 QSO Party...211

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-17 03:26:22 UTC
From: <dulmagedon@...>
Topic: 8467 Message: 8477

BBTW I finished mine today. Just waiting for the tube. .. I may whip up an adapter tube on old 4 pin base so I can fire it and trouble shoot with a 6j5 or something in the hole.
Don

---In AWAGroup@yahoogroups.com, <dulmagedon@...> wrote:

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Can you share with me where you are obtaining the 211 tube.

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Also, the specs on the tube downloaded from "franks" tube site and the like, show the manufacturer's data sheets published as late as 1939.

Where can we find the confirmation, that
It was available in 1929.

Regards,
Louis. N3OL

From: dulmagedon@... [mailto:dulmagedon@...]
Sent: Friday, November 15, 2013 10:33 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: [AWA Group] RE: Announcing the AWA Bruce Kelley 1929 QSO Party

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Good luck to all participants and please send me a photo of your 1929 station. Thanks. 73, Scott WA9WFA

8478. Velvet vernier knobs and plates

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-17 13:15:34 UTC
From: <dulmagedon@...>
Topic: 8478 Message: 8478

I finished my 211 Hartley and am just waiting for the tube. I used a velvet drive vernier on the cap but realized I don't have the small diameter shaft hole big knob nor do I have a face plate for it with the numbers etc. Any source for this stuff?
Don
Posted finished pic In photo section just now.

8479. Re: [AWA Group] Velvet vernier knobs and plates

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-17 20:08:59 UTC
From: Roger Kuchera
Topic: 8478 Message: 8479

Hi Don,
I'm not sure how to get to the photo section. You speak of "Velvet Vernier" that was a trademark of the National Co. I have a few parts. Give me a description of what you need.

CUL, Roger/K1TG

From: "dulmagedon@..." <dulmagedon@yahoo.ca>
To: AWAGroup@yahoogroups.com
Sent: Sunday, November 17, 2013 8:15 AM
Subject: [AWA Group] Velvet vernier knobs and plates

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8480. Re: [AWA Group] Velvet vernier knobs and plates

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-17 20:11:22 UTC
From: Roger Kuchera
Topic: 8478 Message: 8480

I spoke too soon. Is that the Type B shown in the pix? I may be able
to help.

Roger.

From: "dulmagedon@yahoo.ca" <dulmagedon@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, November 17, 2013 8:15 AM
Subject: [AWA Group] Velvet vernier knobs and plates

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Don
Posted finished pic In photo section just now.

8481. RE: Re: [AWA Group] Velvet vernier knobs and plates

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-17 20:48:29 UTC
From: <dulmagedon@...>
Topic: 8478 Message: 8481

Yes it is the one in the picture. I have a few of these and decided to use one on this Hartley because they can be a bit touchy otherwise. After I got it done I realized I didn't have any of the small diameter main knobs nor do I have the plate or dial that goes on with the three screws.
Don

---In AWAGroup@yahoogroups.com, <rwkuchera@...> wrote:

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CUL, Roger/K1TG

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Posted finished pic In photo section just now.

8482. RE: RE: RE: Re: [AWA Group] RE: Announcing the AWA Bruce Kelley 1929 QSO Party...211

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-18 23:32:44 UTC
From: <dulmagedon@...>
Topic: 8467 Message: 8482

So I did. took an old 4 pin base and wired it to a 4 pin tube socket swapping the filament and plate connections which is the difference between a 211 ans a 45 for instance . I stood this adapter socket up in the jumbo socket and installed the 01A tube from my cathode modulator. I fired up the power supply while monitoring 40M. it worked , Right off. No fooling around, Just 1929 plugnplay. IIn case you haven't looked at the photos of this Hartley the coil is spiral wound and stands upright. The coupling link is a single turn about 3/4 inch away. Parallel to the main coil. It seems relatively impervious to hand affect or hand capacity. I assume because of the spiral wound coil. I had it on 240 volts and the Field Strength meter in the shack was pinned. even though it is on the far side of the room away from the Hartley. I will set it aside now till the new tube comes and try it again with the 211. Aside from low power ops for BK and straight key nite I will also try it at 770 volts with my cathode modulator I use on my 45 TNT hooked in.
Roger, I made a dial plate from a paintable wall plate from Lowes. Looks factory
Don

---In AWAGroup@yahoogroups.com, <dulmagedon@...> wrote:

BBTW I finished mine today. Just waiting for the tube. .. I may whip up an adapter tube on old 4 pin base so I can fire it and trouble shoot with a 6j5 or something in the hole.
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It was available in 1929.

Regards,
Louis. N3OL

From: dulmagedon@... [mailto:dulmagedon@...]
Sent: Friday, November 15, 2013 10:33 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: [AWA Group] RE: Announcing the AWA Bruce Kelley 1929 QSO Party

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Don VE3LYX

---In AWAGroup@yahoogroups.com, <whitebear1122@...> wrote:

It's time to dust off those 1929 transmitters and get them chirping again. A PDF of the log sheet is up on the AWA webpage. I will have them put a WORD version up there so you can do electronic entry and email it to me. I will acknowledge that there is a small group of die hards who use their 1929 gear all year long so they don't have to dust anything off. hi hi

The 2013 Bruce Kelley 1929 QSO Party

The Bruce Kelly 1929 QSO Party is a yearly AWA sponsored event where participants build their own transmitters using the designs, techniques, and tubes that were available in 1929 and earlier, and then put those classic transmitters on the air and try to contact as many other 1929 stations as possible. Since they use early designs, it is a cacophony of whooping, chirping, buzzing, clicking, drifting, swishing, swaying, warbling, and other interesting signals. This is what ham radio sounded like in 1929 and for two weekends in December it’s 1929 again on the ham bands. Last year sixty seven brave stations ventured down into the hinterlands of 1929! The 1929 QSO Party was started in the early 1990’s and championed for many years by Bruce Kelly W2ICE, an AWA co-founder. Prior to Bruce’s passing, he asked his close friend John Rollins W1FPZ to keep the 29 QSO Party going. John Rollins managed the QSO party for many years and renamed it the Bruce Kelly 1929 QSO Party in honor of Bruce. Nine years ago John Rollins asked me to manage the 29 QSO Party for him and Bruce, and to keep the evening alive because it meant so much to both of them.

Dates and Times: First two weekends of December, Saturday Dec 7 through Sunday Dec 8, and Saturday Dec 14 through Sunday Dec 15. Starts at 2300Z (6:00 PM EST) Saturday night and finishes at 2300Z (6:00 PM EST) Sunday night, both weekends.

Objective: Contact as many 1929 stations as possible. Contact exchange consists of RST, Name, QTH (State such as ME or MN or NY), last two digits of the year of the transmitters design or publication (such as 29 or 27 or 23), type of transmitter (such as TNT or TGTP or MOPA or COLPITTS), and power input (such as 6W or 9W).

Rules: Transmitters must be 1929 or earlier types of self oscillators such as the Hartley, TNT, PP tuned grid tuned plate, MOPA, Colpitts, etc. No crystal oscillators. Tubes must have been available during or before 1929. Typical tubes often used are type 10, 45, 27, 211, 71A. Individual stations can be worked only once on each band over the course of two weekends. You can use any vintage or modern receiver that you wish. The event is open to all 1929 stations including non-AWA members and AWA members. You are encouraged to join the AWA and support 1929 radio!

Input Power: Transmitters are limited to a power INPUT of 10 watts or less. However, to help make East-West contacts, power may be increased to 20 watts INPUT between the hours of 0500Z (12 Midnight EST) and 1300Z (8 AM EST). Note this is INPUT power. Power input is calculated by multiplying PA plate voltage x total PA plate current. Example: my plate

voltage is 300 volts dc, and plate current is 30 ma, so total input power is 300 x 0.030 = 9 watts input.

Frequencies: The QSO Party typically operates between 1800 to 1810 Kcs, 3550 to 3580 Kcs , 7100 to 7125 Kcs, plus or minus depending on QRM. Last year 12 brave souls ventured down into the ‘hinterlands’ of 160 meters for the first time. 40 meter activity is up significantly because of it has both night time AND daytime propagation! So when 80 shuts down Sunday morning, I hope to see you on 40m.

Logs: Please submit your log so we can see who you worked and acknowledge your effort! Either electronically email your log to Scott at wa9wfa@... or mail via post office to: Scott Freeberg WA9WFA, 327 Wildwood Avenue, Saint Paul, MN 55110. Logs must be in the 1929 QSO Party log format otherwise it will be difficult to score you. An official 1929 log sheet will be available for download from the AWA website. Please do not email logs to any other email address except to the WA9WFA account. Because of email problems in the past, I will acknowledge receipt of all email logs. If you do not receive an acknowledgement within a couple weeks, better check with me to make sure I received it.

Scoring: Remember that contacts with modern stations DO NOT COUNT. Only count legitimate 1929 contacts. If you are contacted by a modern station, be polite, mention the AWA QSO Party and point them to the webpage for more information, then move on, or QSO them if you wish. Often QSO Party participants will spare a moment to make a brief modern QSO and 73. We will count contacts with W2AN, the AWA club station. Scoring is simple. Add up the number of legitimate 1929 QSO’s. Example: if you make 15 QSO’s on 80 meters,10 QSO’s on 40 meters, and 5 QSO’s on 160 meters, your final score is 30. All submitted logs will be scored and the results published in the AWA Journal. Please submit logs by January 15, 2014.

Good luck to all participants and please send me a photo of your 1929 station. Thanks. 73, Scott WA9WFA

8483. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-19 08:08:53 UTC
From: Louis Vermond
Topic: 130 Message: 8483

http://www.ebay.ca/itm/Vintage-TUBE-RADIO-PARTS-LOT-Mixed-Brands-Adaptors-Dial-Switches-More-/131043721690?ssPageName=ADME:B:SS:US:1120

8484. New Hartley AM friendly

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-19 23:43:14 UTC
From: <dulmagedon@...>
Topic: 8484 Message: 8484

Cobbled up the units for an initial test. Putmy 45 tube in the Hartley in the jumbo to medium 4 pin tube adapter hooked the 01a Modulator between B- and the proper heater /cathode connection.. With modulator on separate battery supply I hooked a #4 military hand mic in and modulated the new Hartley on Am on both 40M and 80M . The spiral coil gives it exceptional stability and I was unable to make it wobble at all in freq even waving my hand with in 1/2 inch of the spiral wound coil. I had it on 160V B+ . The 211 has been shipped. Hope it maintains its stability with it.
Don
Photo of this test in my latest albumn

8485. Re: [AWA Group] New Hartley AM friendly

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-20 00:29:25 UTC
From: Louis Vermond
Topic: 8484 Message: 8485

First of all Don, congratulations on following you own lights in the design of your Hartley. The pancake tank is vry FB!

Was the test into a dummy or antenna load?

73, Lou
VE3AWA

Cobbled up the units for an initial test. Putmy 45 tube in the Hartley in the jumbo to medium 4 pin tube adapter hooked the 01a Modulator between B- and the proper heater /cathode connection.. With modulator on separate battery supply I hooked a #4 military hand mic in and modulated the new Hartley on Am on both 40M and 80M . The spiral coil gives it exceptional stability and I was unable to make it wobble at all in freq even waving my hand with in 1/2 inch of the spiral wound coil. I had it on 160V B+ . The 211 has been shipped. Hope it maintains its stability with it.

Don

Photo of this test in my latest albumn

8486. eBay Alert AERO AM HAM TRANSMITTER 1920S MODULATED OSCILLATOR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-20 02:25:42 UTC
From: Louis Vermond
Topic: 8486 Message: 8486
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/AERO-AM-HAM-TRANSMITTER-1920S-MODULATED-OSCILLATOR-TO-RESTORE-COLLECTABLE-RARE-/151168979461?ssPageName=ADME:B:FSEL:US:1123

8487. RE: Re: [AWA Group] New Hartley AM friendly

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-20 03:25:00 UTC
From: <dulmagedon@...>
Topic: 8484 Message: 8487

thanks Lou. It was you who inspired me to play with TNTs and Hartleys so I owe you a big thanks. The spiral tank is surprisingly stable. I am curious what it will sound like on Cw. Will it whoop or perhaps not.
I tested into dummy load. I live in between two Military establishments and cannot afford a misstep on air so I probably test too much on dummy. before hooking to my antenna.s My dummy is a light bulb mounted on the wall with a length of coax and connector.. I have several bulbs, a 7.6 watt, a 15 watt a 100watt and I keep a 200 watt in the shop for severe tests otherwise it is in the lamp over top my lathe. I used a grundig portable to monitor set some distance way with a running tape recorder . This allows me to put at least some distance between the monitor rx and the tx otherwise it is so overloaded tis hard to judge. Going to be very nervous when the 211 arrives. Especially to run it at 770 volts at least for some AM work. I need to make a robust supply for about 250 to 350 volts for normal ops on CW . Need a scrap 1930s set to get a transformer then build another economy supply. Extreme voltage from the ends of the sec and 1/2 that from the centre tap.
Don

---In AWAGroup@yahoogroups.com, <ldvermond@...> wrote:

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Was the test into a dummy or antenna load?

73, Lou
VE3AWA

Cobbled up the units for an initial test. Putmy 45 tube in the Hartley in the jumbo to medium 4 pin tube adapter hooked the 01a Modulator between B- and the proper heater /cathode connection.. With modulator on separate battery supply I hooked a #4 military hand mic in and modulated the new Hartley on Am on both 40M and 80M . The spiral coil gives it exceptional stability and I was unable to make it wobble at all in freq even waving my hand with in 1/2 inch of the spiral wound coil. I had it on 160V B+ . The 211 has been shipped. Hope it maintains its stability with it.
Don
Photo of this test in my latest albumn

8488. Re: [AWA Group] New Hartley AM friendly

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-20 12:55:11 UTC
From: Larry Szendrei
Topic: 8484 Message: 8488

On 11/19/13 10:25 PM, dulmagedon@... wrote:
>
> Going to be very nervous when the 211 arrives. Especially to run it
> at 770 volts at least for some AM work. I need to make a robust supply
> for about 250 to 350 volts for normal ops on CW . Need a scrap 1930s
> set to get a transformer then build another economy supply. Extreme
> voltage from the ends of the sec and 1/2 that from the centre tap.
>
> Don
>
>
Hi Don,

Congrats on the 1929 Hartley! Looking forward to working you in the 1929 BK, or before.

Regarding the cathode modulator: this is effectively a combination of plate modulation and control-grid modulation, and how much of each will depend on the gain of the PA tube. Since screen-grid tubes typically have very high gain you get mostly grid modulation. Triodes have less gain and the grid-modulation will be significant but less. The larger the plate modulation component the beefier the cathode modulator tube(s) need to be. With 750V I'd guess you'd need at least a pair of parallel '45's, perhaps more. When you are testing, measure the quiescent (i.e., without audio) plate current and voltage across the modulator(s), and make sure you aren't exceeding the plate current or plate power dissipation (V*I) ratings of the tubes. The 750V plate supply voltage will be split between the 211 PA and the series cathode modulator tube (s), and there should be more voltage across the 211 PA than across the modulators. How the voltage will divide will depend on the ratio of grid to plate modulation. With 100% plate modulation and 0% grid modulation the voltages would be equal - i.e., 375V across the 211 and 375V across the modulator(s)). You can force this condition by having the PA grid circuit return to the PA cathode instead of ground (and adjusting the grid bias of the modulator(s) accordingly) but you'll be dissipating a lot more power* in the modulator(s) than the RF PA, in this example, 375V * 0.075A = 28W, which means the total plate dissapation rating of the modulator(s) would need to be at least that high. In this case you have a class A series plate modulator in the negative lead of the plate supply, although it could be put in the positive lead equally well.

There are circuits in the handbooks that allowed variation of the amount of audio applied to the RF PA grid, thus allowing control over the ratio of grid modulation to plate modulation.

*in a class A amplifier the DC plate input is independent of signal, so with no audio the entire DC plate input power goes to heating up the plate of the tube(s). OTOH the class C RF PA is pumping out RF at, say, 70% efficiency, so although the DC input is 28W, only 30% of that (a smidgeon over 9W) is being dissipated in its plate.

Hope this helps and made some sense.

73,
-Larry/NE1S

8489. My New QSL Card: VE3CUI - VE3XZ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-20 13:00:57 UTC
From: Eddy Swynar
Topic: 8489 Message: 8489
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Guys,

Whaddya think...? I'm thinking of ordering 1000 of them...

~73~ de Eddy VE3CUI - VE3XZ

8490. Re: [AWA Group] My New QSL Card: VE3CUI - VE3XZ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-20 13:08:51 UTC
From: Larry Szendrei
Topic: 8489 Message: 8490

NICE!!!

8491. RE: My New QSL Card: VE3CUI - VE3XZ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-20 13:23:43 UTC
From: <josephfell@...>
Topic: 8489 Message: 8491

Hi Eddy,

How do I see your QSL card picture? I see your announcement, but no QSL card!

73,
Joe, W3GMS

---In AWAGroup@yahoogroups.com, <deswynar@...> wrote:

Hi Guys,

Whaddya think...? I'm thinking of ordering 1000 of them...

~73~ de Eddy VE3CUI - VE3XZ

8492. RE: [AWA Group] My New QSL Card: VE3CUI - VE3XZ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-20 13:29:32 UTC
From: barry whittemore
Topic: 8489 Message: 8492
Attachments: 2 described; binary payloads are missing from this source WARC

very nice.

barry

nf1o

To: AWAGroup@yahoogroups.com
From: deswynar@xplornet.ca
Date: Wed, 20 Nov 2013 08:00:57 -0500
Subject: [AWA Group] My New QSL Card: VE3CUI - VE3XZ

Hi Guys,

Whaddya think...? I'm thinking of ordering 1000 of them...

~73~ de Eddy VE3CUI - VE3XZ

8493. Re: [AWA Group] My New QSL Card: VE3CUI - VE3XZ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-20 14:15:19 UTC
From: Louis Vermond
Topic: 8489 Message: 8493
Attachments: 2 described; binary payloads are missing from this source WARC

FB Eddy! Only 1K? Lou
----- Original Message -----
From: barry whittemore
To: awa
Sent: 2013-11-20 8:29 AM
Subject: RE: [AWA Group] My New QSL Card: VE3CUI - VE3XZ

very nice.
barry
nf1o

To: AWAGroup@yahoogroups.com
From: deswynar@...
Date: Wed, 20 Nov 2013 08:00:57 -0500
Subject: [AWA Group] My New QSL Card: VE3CUI - VE3XZ

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~73~ de Eddy VE3CUI - VE3XZ

8494. Re: [AWA Group] My New QSL Card: VE3CUI - VE3XZ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-20 14:49:10 UTC
From: Garey Barrell
Topic: 8489 Message: 8494
Attachments: 2 described; binary payloads are missing from this source WARC

Class!!

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com (http://www.k4oah.com)>

Eddy Swynar wrote:

Hi Guys,

Whaddya think...? I'm thinking of ordering 1000 of them...

~73~ de Eddy VE3CUI - VE3XZ

8495. RE: Re: [AWA Group] New Hartley AM friendly

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-20 22:46:48 UTC
From: <dulmagedon@...>
Topic: 8484 Message: 8495

Yes. Spent most of the last year building playing rebuilding changing measuring. I am fascinated with this form of modulation. Have three operational cathode modulators working currently. two are my own concoctions and one is the classic ARRL handbook model. Well the 211 will be at just above 1/2 throttle so we shall see if the 45 can handle it.
Don

---In AWAGroup@yahoogroups.com, <ne1s@...> wrote:

On 11/19/13 10:25 PM, dulmagedon@... mailto:dulmagedon@... wrote:

Going to be very nervous when the 211 arrives. Especially to run it at 770 volts at least for some AM work. I need to make a robust supply for about 250 to 350 volts for normal ops on CW . Need a scrap 1930s set to get a transformer then build another economy supply. Extreme voltage from the ends of the sec and 1/2 that from the centre tap.
Don

Hi Don,

Congrats on the 1929 Hartley! Looking forward to working you in the 1929 BK, or before.

Regarding the cathode modulator: this is effectively a combination of plate modulation and control-grid modulation, and how much of each will depend on the gain of the PA tube. Since screen-grid tubes typically have very high gain you get mostly grid modulation. Triodes have less gain and the grid-modulation will be significant but less. The larger the plate modulation component the beefier the cathode modulator tube(s) need to be. With 750V I'd guess you'd need at least a pair of parallel '45's, perhaps more. When you are testing, measure the quiescent (i.e., without audio) plate current and voltage across the modulator(s), and make sure you aren't exceeding the plate current or plate power dissipation (V*I) ratings of the tubes. The 750V plate supply voltage will be split between the 211 PA and the series cathode modulator tube (s), and there should be more voltage across the 211 PA than across the modulators. How the voltage will divide will depend on the ratio of grid to plate modulation. With 100% plate modulation and 0% grid modulation the voltages would be equal - i.e., 375V across the 211 and 375V across the modulator(s)). You can force this condition by having the PA grid circuit return to the PA cathode instead of ground (and adjusting the grid bias of the modulator(s) accordingly) but you'll be dissipating a lot more power* in the modulator(s) than the RF PA, in this example, 375V * 0.075A = 28W, which means the total plate dissapation rating of the modulator(s) would need to be at least that high. In this case you have a class A series plate modulator in the negative lead of the plate supply, although it could be put in the positive lead equally well.

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RF PA is pumping out RF at, say, 70% efficiency, so although the DC input is 28W, only 30% of that (a smidgeon over 9W) is being dissipated in its plate.

Hope this helps and made some sense.

73,
-Larry/NE1S

8496. Re: [AWA Group] My New QSL Card: VE3CUI - VE3XZ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-21 15:37:16 UTC
From: Ron Barlow
Topic: 8489 Message: 8496
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Eddy,
 Your QSL card looks absolutely awesome, just like your gear!
 I hope to CU in the BK party!

Vy 73 de Ron n4gjv

PS; If I am not mistaken (and occasionally I am not), I believe that the beautiful creation, on the left, may be a 2 step regen, using a 24A detector???
 If so, do you have any hum problems, with it, Eddy??

From: Eddy Swynar <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, November 20, 2013 8:00 AM
Subject: [AWA Group] My New QSL Card: VE3CUI - VE3XZ

Hi Guys,

Whaddya think...? I'm thinking of ordering 1000 of them...

~73~ de Eddy VE3CUI - VE3XZ

8497. eBay Alert Thordarson power transformer-22R35- new old stock -340 ma. 400-400V 6.3 & 5V Hi Amps

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-21 16:53:38 UTC
From: Louis Vermond
Topic: 8497 Message: 8497

10 hours to go...

http://www.ebay.ca/itm/Thordarson-power-transformer-22R35-new-old-stock-340-ma-/261330193415?pt=Vintage_Electronics_R2&hash=item3cd87e4c07#ht_51wt_1249

8498. ebay Alert Heathkit AT-1 transmitter, VF-1 VFO, AM-2 SWR Meter, AC-1 Antenna Coupler

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-21 19:14:37 UTC
From: Louis Vermond
Topic: 8498 Message: 8498

A Buy it Now for $390. Not bad for what you get. Description is excellent...

http://www.ebay.com/itm/Heathkit-AT-1-transmitter-VF-1-VFO-AM-2-SWR-Meter-AC-1-Antenna-Coupler-/231098008269?pt=US_Ham_Radio_Transmitters&hash=item35ce83c2cd#ht_2040wt_1213

8499. RE: RE: Re: [AWA Group] New Hartley AM friendly

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-21 23:22:40 UTC
From: <dulmagedon@...>
Topic: 8484 Message: 8499

The 211 arrived today but Mrs. Santa is keeping it till Christmas. That is OK. Works fine on the 45 with the adapter socket. Just pleased she wanted to buy it for me.
Don

---In AWAGroup@yahoogroups.com, <dulmagedon@...> wrote:

Yes. Spent most of the last year building playing rebuilding changing measuring. I am fascinated with this form of modulation. Have three operational cathode modulators working currently. two are my own concoctions and one is the classic ARRL handbook model. Well the 211 will be at just above 1/2 throttle so we shall see if the 45 can handle it.
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Hope this helps and made some sense.

73,
-Larry/NE1S

8500. eBay Alert interesting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-22 14:53:46 UTC
From: Louis Vermond
Topic: 8500 Message: 8500

Ultra rare collectibles: 2 piece "Vacuum Condenser VC145" DS Loewe Radio AG from the 20s, enclosed in glass cases, this design is known from the interior of NF3 and HF2 multiple tubes, but were also sold separately for installation in the very early radio apparatuses.

Here twice the value of 200 cm, measured at the biblical age still amazingly accurate with 202 and 250 pF

http://www.ebay.de/itm/2x-Radio-AG-DS-Loewe-Vakuum-Kondensator-VC-145-200-cm-20er-Jahre-/321092895273?pt=Radio_TV_Musik&hash=item4ac2a0c229#ht_276wt_1012

8501. RE: [AWA Group] eBay Alert interesting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-22 15:01:52 UTC
From: Mike Feher
Topic: 8500 Message: 8501

I have numerous Loewe receivers using the 2HF and 3NF/W tubes. Most of those receivers used glass enclosed resistors and capacitors. So, in those, they are not that rare. They are indeed similar to the style use in the tubes. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, November 22, 2013 9:54 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert interesting

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http://www.ebay.de/itm/2x-Radio-AG-DS-Loewe-Vakuum-Kondensator-VC-145-200-cm-20er-Jahre-/321092895273?pt=Radio_TV_Musik
<http://www.ebay.de/itm/2x-Radio-AG-DS-Loewe-Vakuum-Kondensator-VC-145-200-cm-20er-Jahre-/321092895273?pt=Radio_TV_Musik&hash=item4ac2a0c229#ht_276wt_1012> &hash=item4ac2a0c229#ht_276wt_1012

8502. Re: [AWA Group] eBay Alert interesting

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-22 15:10:12 UTC
From: Louis Vermond
Topic: 8500 Message: 8502

Something new every day... Tks Mike.

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: 2013-11-22 10:01 AM
Subject: RE: [AWA Group] eBay Alert interesting

I have numerous Loewe receivers using the 2HF and 3NF/W tubes. Most of those receivers used glass enclosed resistors and capacitors. So, in those, they are not that rare. They are indeed similar to the style use in the tubes. 73 - Mike

Mike B. Feher, N4FS

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http://www.ebay.de/itm/2x-Radio-AG-DS-Loewe-Vakuum-Kondensator-VC-145-200-cm-20er-Jahre-/321092895273?pt=Radio_TV_Musik&hash=item4ac2a0c229#ht_276wt_1012

8503. Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 12:55:28 UTC
From: <dulmagedon@...>
Topic: 8503 Message: 8503

My far right. What is that device with the circular rings. A flat metal spiral tank coil or just a fan shroud?
Don

8504. RE: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 13:08:29 UTC
From: Mike Feher
Topic: 8503 Message: 8504

It looks like the top of an oscillation transformer helix for a spark gap transmitter. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Saturday, November 23, 2013 7:55 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Bruce Kelly picture

My far right. What is that device with the circular rings. A flat metal spiral tank coil or just a fan shroud?

Don

8505. RE: RE: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 13:24:07 UTC
From: <dulmagedon@...>
Topic: 8503 Message: 8505

Thanks Mike. Since testing a spiral tank on my new 1929 style rig I have become fascinated with them Unable to make it wobble even with my hand 1/2 inch away. My TNT would have been out of band with the same test.
Don

---In AWAGroup@yahoogroups.com, <n4fs@...> wrote:

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Sent: Saturday, November 23, 2013 7:55 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Bruce Kelly picture

My far right. What is that device with the circular rings. A flat metal spiral tank coil or just a fan shroud?
Don

8506. RE: RE: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 13:40:05 UTC
From: Mike Feher
Topic: 8503 Message: 8506

Some of the earlier coils were spiral type as they took up less real estate. Being flat they were also easier to stow in portable sets than the taller helix equivalents. I am not sure why hand capacity is not having any effect on your spiral coil, as it seems to me it should affect it as well. The RF fields are not any more confined. But, hey, if it works for you then fine.

BTW, in my original reply I did mean spiral and not helix, HI. 73 – Mike

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Saturday, November 23, 2013 8:24 AM
To: AWAGroup@yahoogroups.com
Subject: RE: RE: [AWA Group] Bruce Kelly picture

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Saturday, November 23, 2013 7:55 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Bruce Kelly picture

My far right. What is that device with the circular rings. A flat metal spiral tank coil or just a fan shroud?

Don

8507. Re: RE: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 13:45:52 UTC
From: Roger Kuchera
Topic: 8503 Message: 8507

My 2 cents, I wonder if it working similar to a toroid? They have a minimum external field.

Roger/K1TG

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 23, 2013 8:40 AM
Subject: RE: RE: [AWA Group] Bruce Kelly picture

Some of the earlier coils were spiral type as they took up less real estate. Being flat they were also easier to stow in portable sets than the taller helix equivalents. I am not sure why hand capacity is not having any effect on your spiral coil, as it seems to me it should affect it as well. The RF fields are not any more confined. But, hey, if it works for you then fine.

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Sent: Saturday, November 23, 2013 7:55 AM

To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Bruce Kelly picture

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Don

8508. RE: RE: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 13:55:06 UTC
From: Mike Feher
Topic: 8503 Message: 8508

Yes, a toroid's field is pretty much contained within the center of the core. Right now however, I cannot visualize any similarity. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Saturday, November 23, 2013 8:46 AM
To: AWAGroup@yahoogroups.com
Subject: Re: RE: [AWA Group] Bruce Kelly picture

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external field.

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Don

8509. Re: RE: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 14:13:25 UTC
From: Roger Kuchera
Topic: 8503 Message: 8509

I'm sorry about the analogy, what I should have said is: Maybe it is working "like" a toroid, in that there is a shield factor involved. Just a thought. He did say he couples with another coil in close proximity.

Roger/K1TG

From: Mike Feher <n4fs@...m>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 23, 2013 8:55 AM
Subject: RE: RE: [AWA Group] Bruce Kelly picture

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To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Bruce Kelly picture

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Don

8510. RE: RE: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 14:24:15 UTC
From: Mike Feher
Topic: 8503 Message: 8510

I believe that in a toroid the field is contained within the center of the toroid because the magnetic core completes the magnetic path for the majority of the flux. An open air coil wound like a toroid would have only the permeability of air as the conductor for the field, and, it is inside as well as outside of the coil. Therefore, coupling to a nearby coil is possible. That is not the case for a toroid wound on something like a ferrous core. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Saturday, November 23, 2013 9:13 AM
To: AWAGroup@yahoogroups.com
Subject: Re: RE: [AWA Group] Bruce Kelly picture

I'm sorry about the analogy, what I should have said is: Maybe it is

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Just a thought. He did say he couples with another coil in close

proximity.

Roger/K1TG

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To: AWAGroup@yahoogroups.com
Sent: Saturday, November 23, 2013 8:55 AM
Subject: RE: RE: [AWA Group] Bruce Kelly picture

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera

Sent: Saturday, November 23, 2013 8:46 AM
To: AWAGroup@yahoogroups.com
Subject: Re: RE: [AWA Group] Bruce Kelly picture

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To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Bruce Kelly picture

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Don

8511. RE: RE: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 14:25:06 UTC
From: Steve Flood
Topic: 8503 Message: 8511
Attachments: 1 described; binary payloads are missing from this source WARC

>I cannot visualize any similarity.

Nor can I. It would seem that if there is no hand capacity, then there is no magnetic field around the coil. If that were true, there would be no coupling ability. Also, if there is no field, there is no current through the coil (?!)

There is an external field to flat spiral coils as found in: “The High Frequency Magnetic Field of a Flat Spiral Coil” Sherwood Githens Jr. and Otto Stuhlman Jr. Review of Scientific Instruments 4, 542 (1933)

Steve, KK7UV

8512. Re: RE: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 16:15:54 UTC
From: Roger Kuchera
Topic: 8503 Message: 8512
Attachments: 1 described; binary payloads are missing from this source WARC

It was, after all, a thought. I stand corrected.

Roger/K1TG

From: Steve Flood <kk7uv@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 23, 2013 9:25 AM
Subject: RE: RE: [AWA Group] Bruce Kelly picture

>I cannot visualize any similarity.
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Steve, KK7UV

8513. Re: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 21:29:14 UTC
From: Larry Szendrei
Topic: 8503 Message: 8513
Attachments: 1 described; binary payloads are missing from this source WARC

I don't see how the magnetic field comes into play at all. Isn't the effect due entirely from the (electrostatic) capacitance of your hand to the windings? And wouldn't that be the same regardless whether the magnetic field is confined, or not?

I also cannot explain why it would be less for a spiral than a helix; I would have guessed more. But a wise man once said "if it happens it must be possible."

73,
-Larry/NE1S

On 11/23/13 9:25 AM, Steve Flood wrote:
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>
> Steve, KK7UV
>
>

8514. Perfect day for antenna work... Add 3 db

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 22:17:27 UTC
From: Louis Vermond
Topic: 8514 Message: 8514
Attachments: 2 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8515. Re: [AWA Group] Perfect day for antenna work... Add 3 db

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 23:41:55 UTC
From: Steve
Topic: 8514 Message: 8515

wow...had no idea ur wx so bad

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8516. Re: [AWA Group] Perfect day for antenna work... Add 3 db

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 23:44:13 UTC
From: N1BUG
Topic: 8514 Message: 8516

6 dB if it was cold and/or windy enough!

Bugsy

8517. Re: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-23 23:46:07 UTC
From: Michael A. Bittner
Topic: 8503 Message: 8517

Not that it make that much difference, but standard practice in any RF winding is to have the AC grounded end of the winding on the outside of the winding. In the case of a spiral, the outer turn is, to some extent shielding the rest of the coil.
Mike, W6MAB
----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 23, 2013 1:29 PM
Subject: Re: [AWA Group] Bruce Kelly picture

I don't see how the magnetic field comes into play at all. Isn't the effect due entirely from the (electrostatic) capacitance of your hand to the windings? And wouldn't that be the same regardless whether the magnetic field is confined, or not?

I also cannot explain why it would be less for a spiral than a helix; I would have guessed more. But a wise man once said "if it happens it must be possible."

73,
-Larry/NE1S

8518. Re: RE: [AWA Group] Bruce Kelly picture..field

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-24 01:23:05 UTC
From: Poli, Louis (US SSA)
Topic: 8503 Message: 8518
Attachments: 1 described; binary payloads are missing from this source WARC

Guys, Its an old story; nothing in the real world is black and white.

When you think about it, its a great thing.
That's why one can have QSO with Europe, with a wire antenna tossed out the window; but only occasionally.

A toroid does contain the field, because it's an endless circle. But, not totally. The flat coil and general coil of some length, has two true ends, so the field cannot be contained, so you can couple to antennas and IF amplifier transformers.
True, but the physical tuning may fight you in every step.

The typical coil may not indicate any hand capacity effects, but if the coil area looks low impedance, then the effect may be almost unseen.
If this same situation was very high impedance, it may see you at two feet away.

I remember a job where I was tuning an output line on a new amplifier at work.
When the line was out of tune, there were hand effects, but the moment I tuned it with the local capacitor element, it became a low impedance 50 ohms and ignored the region around it.

But there was enough power flowing in the line to burn my finger tip when I touched it.

So, everyone is right.

Louis. N3OL

From: Roger Kuchera [mailto:rwkuchera@snet.net]
Sent: Saturday, November 23, 2013 11:15 AM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: RE: [AWA Group] Bruce Kelly picture

It was, after all, a thought. I stand corrected.

Roger/K1TG

From: Steve Flood <kk7uv@bresnan.net>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 23, 2013 9:25 AM
Subject: RE: RE: [AWA Group] Bruce Kelly picture

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[cid:1.1214930243@web184903.mail.gq1.yahoo.com]
Steve, KK7UV

8519. Re: [AWA Group] Perfect day for antenna work... Add 3 db

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-24 04:50:31 UTC
From: Louis Vermond
Topic: 8514 Message: 8519
Attachments: 2 described; binary payloads are missing from this source WARC

0440Z

6 dB if it was cold and/or windy enough! Bugsy

WX Canada
SNOW SQUALL WATCH IN EFFECT
Wind northwest 80 miles/h gusting to 110.

wow...had no idea ur wx so bad

Bad? Perfect for 160 coil work...

My pre-drilling calculations were on. Something is wrong...terribly wrong.

8520. Re: [AWA Group] Perfect day for antenna work... Add 3 db

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-24 05:30:32 UTC
From: Steve
Topic: 8514 Message: 8520

>My pre-drilling calculations were on. Something is wrong...terribly wrong.

looks good to me...?????

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8521. Re: [AWA Group] Perfect day for antenna work... Add 3 db

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-24 10:20:07 UTC
From: N1BUG
Topic: 8514 Message: 8521

SNOW SQUALL WATCH IN EFFECT
(http://weather.gc.ca/warnings/report_e.html?on40#onrm73-444cwto-046340)
Wind northwest 80 miles/h gusting to 110.

That'll do.

wow...had no idea ur wx so bad
Bad? Perfect for 160 coil work...
No 6 dB for you! You're working inside!!

My pre-drilling calculations were on. Something is wrong...terribly wrong.
Scary stuff. :-)
Coils are looking very FB, Lou. Can't wait to hear it sing!

Bugsy

8522. RE: Re: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-24 12:07:30 UTC
From: <dulmagedon@...>
Topic: 8503 Message: 8522

Might I be so bold as to suggest wind one and try it. I was astounded at how stable my new one was. AA famous American once said "One good Experiment beats 1000 expert opinions" (Smokey Yunick, 1968) I have come to find these are words to live by. many things do not behave in real time the way we expect them too. Occasionally they behave better. Not often but it does occasionally happen. This is one of them. Have wound hundreds of coils over the years since I got interested in electronics and radios. Always hand sensitivity played a role which is why I like them away from my body parts and too the rear. The power oscillators can be the worst. Large coils easily bothered by hand capacity and wiggling etc. II use a long line on my key for just such a purpose. to keep me away from it. This last rig I built the coil flat wound or spiral more for looks then anything. I noticed it seemed not to be bothered by me so I spent some specific time testing it after initial fire up. monitoring in a sensitive digital rx that can recheck a signal just 2 or 3 clicks off freq I was unable to mke it wobble waving my hand around. I had to get so close I was almost touching and did accidently do so to get even a whwoup out of it. Perhaps the field feeds on itself and is that much more pronounced and self contained that my hand is not significant. I suspect it is the C factor that causes the hand effect and not magnetic factor.
I know many early regens in other lands were spider wound coils and were reportedly more stable .Regardless of the cause or discussion I am hooked. Difference of day and night in stability. Bruce Kelly was no idiot. He also must have decided it was worthwhile. So the ball in in your courts. You can spend the next month discussing it or take ten minutes and make one and try it. (for 40M approx. 1 turn per MC. mine is 8 inch diameter and insulated and clamped down the centre for stability.
Don

---In AWAGroup@yahoogroups.com, <ne1s@...> wrote:

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Steve, KK7UV

8523. Re: [AWA Group] Perfect day for antenna work... Add 3 db

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-24 12:42:30 UTC
From: Larry Szendrei
Topic: 8514 Message: 8523

Hmmm... great minds think alike.

Yesterday I took my 160M coil for the PP TNT and removed a turn from each end. I can still easily hit the low end of 160M within the range of the tank capacitor, and the note sounds more stable than it was. I now have 13T each side of CT. on the form, which is approximately 2 3/8" in diameter. Will go with this before trying to remove another turn from each end.

Also rebuilt my 160M dipole a couple weeks ago and got it about 25' higher in the air. It's still only about 1/8 wave above ground on 160M, but I do notice a difference on 80/75M - I seem to be heard better further out on those bands. For the antenna conductors I used the #6 phosphor-bronze stranded wire originally from Rocky Point (or possibly Riverhead) I got from W1FPZ via W2ER - good karma in every respect!

Just a skiff of snow here overnight - Lou, I'm jealous :-)

73,
-Larry/NE1S

8524. Preliminary 160 Tank Coil Winding at VE3AWA. Full rReport this evnenig.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-24 18:06:29 UTC
From: Louis Vermond
Topic: 8524 Message: 8524
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8525. Re: [AWA Group] Preliminary 160 Tank Coil Winding at VE3AWA. Full rReport this evnenig.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-24 18:09:45 UTC
From: Eddy Swynar
Topic: 8524 Message: 8525

Hi Lou,

Now how in these green acres of the Good Lord, are you going to REMOVE said coil from your basement support...?!

~73~ de Eddy VE3CUI - VE3XZ

On 2013-11-24, at 1:06 PM, Louis Vermond wrote:

>
> <Preliminary 160 Tank Coil Winding at VE3AWA 450.jpg>
>
>

8526. Re: Re: [AWA Group] Bruce Kelly picture

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-24 18:47:41 UTC
From: Roger Kuchera
Topic: 8503 Message: 8526

"Smokey Yunick!!" The ghost of drag strips past!!

Roger.

_____
From: "dulmagedon@..." <dulmagedon@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, November 24, 2013 7:07 AM
Subject: RE: Re: [AWA Group] Bruce Kelly picture

Might I be so bold as to suggest wind one and try it. I was astounded at how stable my new one was. AA famous American once said "One good Experiment beats 1000 expert opinions" (Smokey Yunick, 1968) I have come to find these are words to live by. many things do not behave in real time the way we expect them too. Occasionally they behave better. Not often but it does occasionally happen. This is one of them. Have wound hundreds of coils over the years since I got interested in electronics and radios. Always hand sensitivity played a role which is why I like them away from my body parts and too the rear. The power oscillators can be the worst. Large coils easily bothered by hand capacity and wiggling etc. II use a long line on my key for just such a purpose. to keep me away from it. This last rig I built the coil flat wound or spiral more for looks then anything. I noticed it seemed not to be bothered by me so I spent some specific time testing it after initial fire up. monitoring in a sensitive digital rx that can recheck a signal just 2 or 3 clicks off freq I was unable to mke it wobble waving my hand around. I had to get so close I was almost touching and did accidently do so to get even a whwoup out of it. Perhaps the field feeds on itself and is that much more pronounced and self contained that my hand is not significant. I suspect it is the C factor that causes the hand effect and not magnetic factor.
I know many early regens in other lands were spider wound coils and were reportedly more stable .Regardless of the cause or discussion I am hooked. Difference of day and night in stability. Bruce Kelly was no idiot. He also must have decided it was worthwhile. So the ball in in your courts. You can spend the next month discussing it or take ten minutes and make one and try it. (for 40M approx. 1 turn per MC. mine is 8 inch diameter and insulated and clamped down the centre for stability.
Don

---In AWAGroup@yahoogroups.com, <ne1s@...> wrote:

I don't see how the magnetic field comes into play at all. Isn't the effect due entirely from the (electrostatic) capacitance of your hand to the windings? And wouldn't that be the same regardless whether the magnetic field is confined, or not?

I also cannot explain why it would be less for a spiral than a helix; I would have guessed more. But a wise man once said "if it happens it must be possible."

73,
-Larry/NE1S

On 11/23/13 9:25 AM, Steve Flood wrote:
>

>>I cannot visualize any similarity.
>Nor can I. It would seem that if there is no hand capacity, then there is no magnetic field around the coil. If that were true, there would be no coupling ability. Also, if there is no field, there is no current through the coil (?!)
>There is an external field to flat spiral coils as found in: “The High Frequency Magnetic Field of a Flat Spiral Coil” Sherwood Githens Jr. and Otto Stuhlman Jr. Review of Scientific Instruments 4, 542 (1933)
>Steve, KK7UV

8527. Re: [AWA Group] Preliminary 160 Tank Coil Winding at VE3AWA. Full rReport this evnenig.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-24 18:49:22 UTC
From: Roger Kuchera
Topic: 8524 Message: 8527

Loosen the screw at the top and slid it off??

R.

From: Eddy Swynar <deswynar@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, November 24, 2013 1:09 PM
Subject: Re: [AWA Group] Preliminary 160 Tank Coil Winding at VE3AWA. Full rReport this evnenig.

Hi Lou,

Now how in these green acres of the Good Lord, are you going to REMOVE said coil from your basement support...?!

~73~ de Eddy VE3CUI - VE3XZ

On 2013-11-24, at 1:06 PM, Louis Vermond wrote:

>
>
><Preliminary 160 Tank Coil Winding at VE3AWA 450.jpg>
>
>

8528. Re: [AWA Group] Preliminary 160 Tank Coil Winding at VE3AWA. Full rReport this evnenig.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-25 00:34:22 UTC
From: Jim Robson
Topic: 8524 Message: 8528

with respect to my friend Lou, I have been to his house, and I wouldn't be a ham except for VE3AWAs generous and unending coaching, but...that's not his jack post/coil winder. I have been waiting for Lou to fess up. I can only imagine he is watching the Grey Cup---Hamilton vs. Saskatchewan. 73, Jim/VE3BHK.

On 24/11/13 1:49 PM, Roger Kuchera wrote:
> Loosen the screw at the top and slid it off??
> R.
>
> *From:* Eddy Swynar <deswynar@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* Sunday, November 24, 2013 1:09 PM
> *Subject:* Re: [AWA Group] Preliminary 160 Tank Coil Winding at
> VE3AWA. Full rReport this evnenig.
>
>
>
> */Hi Lou,/*
>
> Now how in these green acres of the Good Lord, are you going to REMOVE
> said coil from your basement support...?!
>
> */~73~ de Eddy VE3CUI - VE3XZ/*
>
>
>
>
>
> On 2013-11-24, at 1:06 PM, Louis Vermond wrote:
>
>>
>> <Preliminary 160 Tank Coil Winding at VE3AWA 450.jpg>
>>
>
>
>
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>

8529. VE3AWA on Low Band

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-25 01:23:08 UTC
From: Louis Vermond
Topic: 8529 Message: 8529
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8530. Pancake Hand Capacity Test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-25 03:59:56 UTC
From: Louis Vermond
Topic: 8530 Message: 8530
Attachments: 2 described; binary payloads are missing from this source WARC

This spark pancake coil was made by Bob Morris, W2LV/AWA (sk) given to me by him when I was in my 20s. Bob was, like many of the original AWA members, a gentlemen happy to help the "young blood". See his bio. at end.

GN, Lou
VE3AWA

160 metres
Rig oscillated quite readily tone 8.
Standing aside, starting a 4ft brought my hand in towards the coil. At 3 feet began noticing affect on monitored signal.

Loaded, same affect.
Of course, this does not cancel Don's findings.

Maybe I should forget the 160 helix. I mean, how more '29 cud it get?

Robert M. Morris, W2LV, SK
Inventor, researcher and radio pioneer Bob Morris, W2LV, of Sparta, New Jersey, died October 15. He was 95. Morris was first licensed in 1922 as 2CQZ. He became 2LV (later W2LV) in the late 1920s. Early in his amateur career, Morris' 2CQZ (running a spark gap transmitter) was among the stations heard in Great Britain and in Europe during the ARRL's Third Transatlantic Tests. He later worked with Edwin H. Armstrong, the man credited with inventing FM. Morris retired in 1966 after a 42-year career as an inventor, researcher, and broadcast engineer.

A noted broadcasting historian and storyteller, Morris appeared in Ken Burns' PBS documentary Empire of the Air--the Men who Made Radio. He was a member of the ARRL for 75 years, a founding member of the Antique Wireless Association and of the New Jersey DX Association, and a member of the Sussex County Amateur Radio Club.

8531. Re: [AWA Group] VE3AWA on Low Band

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-25 05:19:58 UTC
From: Roger Kuchera
Topic: 8529 Message: 8531
Attachments: 1 described; binary payloads are missing from this source WARC

Lou,
    How do you tune the slug in the coil?

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Sunday, November 24, 2013 8:23 PM
Subject: [AWA Group] VE3AWA on Low Band

8532. RE: Pancake Hand Capacity Test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-25 12:29:02 UTC
From: <dulmagedon@...>
Topic: 8530 Message: 8532

Maybe the small size of mine helped. I don't know. I just know I realized after all my testing the rig that is wasn't wobbling. It was then I decided to test in serious. Could be I just got lucky.
BTW I read with great interest the 1921 QST article you have in files.
Now that would be a fun rig to try or maybe you have already. I was fascinated by the combo of the rig making RF and somewhat filtered DC at the same time. The aluminum foil and 8 X10 glass plates for condensors sounded like fun.
Don

---In AWAGroup@yahoogroups.com, <ldvermond@...> wrote:

This spark pancake coil was made by Bob Morris, W2LV/AWA (sk) given to me by him when I was in my 20s. Bob was, like many of the original AWA members, a gentlemen happy to help the "young blood". See his bio. at end.

GN, Lou
VE3AWA

160 metres
Rig oscillated quite readily tone 8.
Standing aside, starting a 4ft brought my hand in towards the coil. At 3 feet began noticing affect on monitored signal.

Loaded, same affect.
Of course, this does not cancel Don's findings.

Maybe I should forget the 160 helix. I mean, how more '29 cud it get?

Robert M. Morris, W2LV, SK Inventor, researcher and radio pioneer Bob Morris, W2LV, of Sparta,
New Jersey, died October 15. He was 95. Morris was first licensed in
1922 as 2CQZ. He became 2LV (later W2LV) in the late 1920s. Early in
his amateur career, Morris' 2CQZ (running a spark gap transmitter)
was among the stations heard in Great Britain and in Europe during
the ARRL's Third Transatlantic Tests. He later worked with Edwin H.
Armstrong, the man credited with inventing FM. Morris retired in 1966
after a 42-year career as an inventor, researcher, and broadcast
engineer. A noted broadcasting historian and storyteller, Morris appeared in
Ken Burns' PBS documentary Empire of the Air--the Men who Made Radio.
He was a member of the ARRL for 75 years, a founding member of the
Antique Wireless Association and of the New Jersey DX Association,
and a member of the Sussex County Amateur Radio Club.

8533. Re: [AWA Group] VE3AWA on Low Band

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-25 13:41:39 UTC
From: Louis Vermond
Topic: 8529 Message: 8533
Attachments: 1 described; binary payloads are missing from this source WARC

A file...
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: 2013-11-25 12:19 AM
Subject: Re: [AWA Group] VE3AWA on Low Band

Lou,
How do you tune the slug in the coil?

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup <AWAGroup@yahoogroups.com>
Sent: Sunday, November 24, 2013 8:23 PM
Subject: [AWA Group] VE3AWA on Low Band

8534. Sidetone

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-26 15:51:38 UTC
From: barry whittemore
Topic: 8534 Message: 8534

What do people use for a sidetone? Last year i just used the RX but thats a bit harsh. It would be better to use a separate sidetone osc and mute the RX.

I have a bunch of CPOs as i do a Scout CW demo frequently.

I see the ameco can be wired but not for cathode keyed radios and my Hartley is cathode keyed.

Thanks

Barry

NF1O

8535. Re: [AWA Group] Sidetone

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-26 17:34:13 UTC
From: Larry Szendrei
Topic: 8534 Message: 8535

On 11/26/13 10:51 AM, barry whittemore wrote:
>
> What do people use for a sidetone? Last year i just used the RX but
> thats a bit harsh. It would be better to use a separate sidetone osc
> and mute the RX.
> I have a bunch of CPOs as i do a Scout CW demo frequently.
> I see the ameco can be wired but not for cathode keyed radios and my
> Hartley is cathode keyed.
>
> Thanks
> Barry
> NF1O

Just use the RCVR here, Barry. I also like to monitor my own sig, so it serves both purposes.

73,
-Larry/NE1S

8536. Re: [AWA Group] Sidetone

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-26 19:39:04 UTC
From: Niel - W0VLZ
Topic: 8534 Message: 8536

Barry,

I've used both an untuned neon bulb keyed monitor and a tuned RF actuated monitor. Both work but both have limitations.

The neon bulb keyed monitor (see http://w0vlz.blogspot.com/2008/04/my-simple-cw-station-shown-at-httpwww.html) works fine but requires the sensor to be close to the RF source. I added the monitor circuit to an external amplified speaker/pwr supply that I had so that it can run independent on the receiver.

My tuned RF actuated monitor (see http://www.prismnet.com/~nielw/cw_monitor/cw_monitor.htm) runs completely stand alone with a short antenna but has to be retuned if I QSY far.

Another option is the K1EL K10 keyer with the Keyall from Jackson Harbor Press (see http://w0vlz.blogspot.com/2009/01/when-using-my-vintage-transmitter-ive.html). The K1EL K10 keyer provides iambic keying plus a monitor that works for both the keyer and a straight key. The Keyall allows keying anything up to 500V and 2A across the key terminals.

73,
Niel - W0VLZ

barry whittemore wrote:
>
> What do people use for a sidetone? Last year i just used the RX but
> thats a bit harsh. It would be better to use a separate sidetone osc
> and mute the RX.
> I have a bunch of CPOs as i do a Scout CW demo frequently.
> I see the ameco can be wired but not for cathode keyed radios and my
> Hartley is cathode keyed.
>
> Thanks
> Barry
> NF1O
>
> _
>
>

8537. RE: Sidetone

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-26 20:00:11 UTC
From: <kk7uv@...>
Topic: 8534 Message: 8537

I built a monitor around a UV-199 last spring and have been using it successfully with the regen receiver and the breadboard TX. See the PHOTOS section for a couple pics. The design is out of the early handbooks and shortwave manuals.

Steve, KK7UV

---In AWAGroup@yahoogroups.com, <wb1edi@...> wrote:

What do people use for a sidetone? Last year i just used the RX but thats a bit harsh. It would be better to use a separate sidetone osc and mute the RX.
I have a bunch of CPOs as i do a Scout CW demo frequently.
I see the ameco can be wired but not for cathode keyed radios and my Hartley is cathode keyed.

Thanks
Barry
NF1O

8538. RE: RE: Sidetone

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-26 23:30:27 UTC
From: <dulmagedon@...>
Topic: 8534 Message: 8538

This will sound crazy but it is true. When I am operating the bare essentials 50l6 Cw rig which some of you have worked me on I always use the 6sn7 twinplex regen which sits in the same cupboard where my ham gear hides during the day. The twinplex runs on batteries (10 9 volts) and a gel cell for heater voltage) I have a transmit / receive switch which kills the B+ to the regen while leaving the filaments hot. I can hear easily my keying as a deep distinct hum in the headphones even though there is no B+ supplied. I can see no reason why it wouldn't also work with my TNT although I havent run it upstairs by the regen . I have a lot of regens . I may be addicted. Four stand alones and three HB transceivers., One with AM and CW even. Many of the old handbook monitors were little more then an antennaless regen anyway.
Don
BTW Niel Toured your site. Wonderful!

---In AWAGroup@yahoogroups.com, <kk7uv@...> wrote:

I built a monitor around a UV-199 last spring and have been using it successfully with the regen receiver and the breadboard TX. See the PHOTOS section for a couple pics. The design is out of the early handbooks and shortwave manuals.

Steve, KK7UV

---In AWAGroup@yahoogroups.com, <wb1edi@...> wrote:

What do people use for a sidetone? Last year i just used the RX but thats a bit harsh. It would be better to use a separate sidetone osc and mute the RX.
I have a bunch of CPOs as i do a Scout CW demo frequently.
I see the ameco can be wired but not for cathode keyed radios and my Hartley is cathode keyed.

Thanks
Barry
NF1O

8539. RE: [AWA Group] Sidetone

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 00:42:56 UTC
From: barry whittemore
Topic: 8534 Message: 8539

Wow, lots of ideas, from just using the RX i have to some vintage devices. and a few modern ideas. I may try some of those but i will probably go with using the RX for this time. The first weekend ill be off for Sunday but may get on Sat eve for the start.
BTW ill also be playing in the ARRL 160 and 10 meter contests. (with my K3)
This year Ill have 80 and 40 and op both weekends. My goal is to double my score. I hope to make 20 QSOs.
73
Barry
NF1O

To: awagroup@yahoogroups.com
From: wb1edi@...
Date: Tue, 26 Nov 2013 10:51:38 -0500
Subject: [AWA Group] Sidetone

What do people use for a sidetone? Last year i just used the RX but thats a bit harsh. It would be better to use a separate sidetone osc and mute the RX.

I have a bunch of CPOs as i do a Scout CW demo frequently.

I see the ameco can be wired but not for cathode keyed radios and my Hartley is cathode keyed.

Thanks

Barry

NF1O

8540. Back in the saddle agn

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 03:11:56 UTC
From: <dulmagedon@...>
Topic: 8540 Message: 8540

All this talk about ol rigs got me all fired up so I turned on the 6sn7 regen and fired up the bare essentials rig. I must not have put the regen on freq but I got a email sig report from Syracuse. A 579 (I,ll take it) The regen I think has not run this year but the batteries were still up to it. I may move the TNT up here and pound some brass on 40M as well. Tonite I was rockbound on 3.68 then 3.555
Don VE3LYX

8541. eBay Alert Buy it Now $300... A steal!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 03:37:53 UTC
From: Louis Vermond
Topic: 8541 Message: 8541
Attachments: 3 described; binary payloads are missing from this source WARC

http://www.ebay.ca/itm/Lot-of-63-1920-40-Antique-RF-Choke-Antenna-Tuning-Coils-Inductors-/111225746612?pt=LH_DefaultDomain_0&hash=item19e59234b4#ht_21wt_958

Could they be?

8542. Re: [AWA Group] Sidetone

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 14:05:14 UTC
From: Niel - W0VLZ
Topic: 8534 Message: 8542

oh yeah. For the '29 gear I'm also intereested in the exact frequency. For this I've presssed into service what ever rig is in the shack that has KC/KHz readout. HRO500, ICOM 735 and KX3 have all served fine in this capacity.

73,
Niel

barry whittemore wrote:
>
> What do people use for a sidetone? Last year i just used the RX but
> thats a bit harsh. It would be better to use a separate sidetone osc
> and mute the RX.
> I have a bunch of CPOs as i do a Scout CW demo frequently.
> I see the ameco can be wired but not for cathode keyed radios and my
> Hartley is cathode keyed.
>
> Thanks
> Barry
> NF1O
>
>
>

8543. RE: [AWA Group] Sidetone

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 14:12:39 UTC
From: barry whittemore
Topic: 8534 Message: 8543

This year i plan to use an ICom R70 because its convenient. I wanted to use one of the USB SDRs for RX as a Very old tech and very new tech approach but i do not have one yet.

maybe next year. That will be fun.

Barry

NF1O

To: AWAGroup@yahoogroups.com
From: w0vlz@...
Date: Wed, 27 Nov 2013 08:05:14 -0600
Subject: Re: [AWA Group] Sidetone

oh yeah. For the '29 gear I'm also intereested in the exact frequency.
For this I've presssed into service what ever rig is in the shack that
has KC/KHz readout. HRO500, ICOM 735 and KX3 have all served fine in
this capacity.

73,
Niel

barry whittemore wrote:
>
> What do people use for a sidetone? Last year i just used the RX but
> thats a bit harsh. It would be better to use a separate sidetone osc
> and mute the RX.
> I have a bunch of CPOs as i do a Scout CW demo frequently.
> I see the ameco can be wired but not for cathode keyed radios and my
> Hartley is cathode keyed.
>
> Thanks
> Barry
> NF1O
>
>
>

8544. Re: Sidetone

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 17:40:16 UTC
From: JAMES HANLON
Topic: 8534 Message: 8544

Barry,

I use my my superhet receiver for a monitor. I have a spdt relay with the swinger attached to the receiver ground. On "receive," the "normally closed" contact shorts out a second "monitor volume" pot that I put between the regular RF gain control and ground. On "transmit" the "normally open" contact which is attached to the rx antenna terminal shorts the rx antenna to ground and prevents overloading. If you want, you can sequence that relay with others that key the tx and the antenna and operate full break-in.

Jim W8KGI

Sent from my iPhone

8545. If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 17:43:48 UTC
From: Doug Forbes
Topic: 8529 Message: 8545

If you had 2-210's or 1-211 which 1929 style TX would you build ?

TPTG or TNT or ?

If the 210's would you build push-pull or parallel ?

I apologize if this has been discussed before and I just missed it.

Doug WA6VYN

8546. Re: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 17:52:11 UTC
From: N1BUG
Topic: 8529 Message: 8546

Hi Doug,

This might sound like a non-answer but I would look at pictures (or better yet original articles from the 20s) and "feel" which one spoke to me the most. For me it isn't about the science of it. It's about choosing a rig I really like the looks of.

My first choice was the Hull Hartley, but finding some parts unobtainable (to do it the way I wanted) I settled for my second favorite - the TNT.

I'm sure you will get some answers that make more sense! :-)

73,
Paul N1BUG

On 11/27/2013 12:43 PM, Doug Forbes wrote:

If you had 2-210's or 1-211 which 1929 style TX would you build ?

TPTG or TNT or ?

If the 210's would you build push-pull or parallel ?

I apologize if this has been discussed before and I just missed it.

Doug WA6VYN

8547. RE: Re: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 18:01:10 UTC
From: <dougforbes@...>
Topic: 8529 Message: 8547

Paul,

Thanks for the reply. I've seen your 1929 TX and it is gorgeous !

Doug

---In AWAGroup@yahoogroups.com, <paul@...> wrote:

Hi Doug,

This might sound like a non-answer but I would look at pictures (or better yet original articles from the 20s) and "feel" which one spoke to me the most. For me it isn't about the science of it. It's about choosing a rig I really like the looks of.

My first choice was the Hull Hartley, but finding some parts unobtainable (to do it the way I wanted) I settled for my second favorite - the TNT.

I'm sure you will get some answers that make more sense! :-)

73,
Paul N1BUG

On 11/27/2013 12:43 PM, Doug Forbes wrote:

If you had 2-210's or 1-211 which 1929 style TX would you build ?

TPTG or TNT or ?

If the 210's would you build push-pull or parallel ?

I apologize if this has been discussed before and I just missed it.

Doug WA6VYN

8548. Re: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 18:08:00 UTC
From: Larry Szendrei
Topic: 8529 Message: 8548

On 11/27/13 12:43 PM, Doug Forbes wrote:
>
> If you had 2-210's or 1-211 which 1929 style TX would you build ?
>
> TPTG or TNT or ?
>
> If the 210's would you build push-pull or parallel ?
>
>
> I apologize if this has been discussed before and I just missed it.
>
Doug,

I would build the following:

1) definitely a push-pull TNT (or TPTG) with the 210s. I prefer the TNT circuit, as it is single-control, or maximum 2 if you include a variable capacitor for loading. The push-pull circuit halves the parasitic capacitances in the tubes, which tend to change as the tubes heat up and cool down, while 2 parallel tubes double theses capacitances. Since they shunt the tank cicuit, anything you can do to minimize them will reduce their effect on operating frequency.

2) with the 211 I'd build a Hartley, or an amplifier on the 2nd breadboard which you could use with the TNT so that the combination would be a MOPA. Or do both and swap the tube back and forth as needed.

Keep building until you run out of parts :-)

73,
-Larry/NE1S

8549. Re: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 18:17:20 UTC
From: Louis Vermond
Topic: 8529 Message: 8549
Attachments: 1 described; binary payloads are missing from this source WARC

I settled for my second favorite - the TNT.

, Lou

8550. Re: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 19:00:19 UTC
From: Steve
Topic: 8529 Message: 8550

Hi Doug...although the TNT was always promoted as the simpler starter, personally I would build a Hartley as I found it was much less finicky to get tuned...no fine adjustments of the grid coil needed since it doesn't have one. I found it to be less drift-prone and had a better quality note. A single 10 is plenty of power to work across the continent with a normal antenna.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8551. RE: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 17:57:38 UTC
From: barry whittemore
Topic: 8529 Message: 8551

whatever you make, make sure you get it done by next weekend.

Barry

NF1O

To: AWAGroup@yahoogroups.com
From: paul@...
Date: Wed, 27 Nov 2013 12:52:11 -0500
Subject: Re: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Hi Doug,

This might sound like a non-answer but I would look at pictures (or better yet original articles from the 20s) and "feel" which one spoke to me the most. For me it isn't about the science of it. It's about choosing a rig I really like the looks of.

My first choice was the Hull Hartley, but finding some parts unobtainable (to do it the way I wanted) I settled for my second favorite - the TNT.

I'm sure you will get some answers that make more sense! :-)

73,
Paul N1BUG

On 11/27/2013 12:43 PM, Doug Forbes wrote:

If you had 2-210's or 1-211 which 1929 style TX would you build ?

TPTG or TNT or ?

If the 210's would you build push-pull or parallel ?

I apologize if this has been discussed before and I just missed it.

Doug WA6VYN

8552. Re: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 19:35:26 UTC
From: Roger Kuchera
Topic: 8529 Message: 8552

Go for the 210s P-P, you can always switch to 45s without much circuit changing.

CUL, Roger/K1TG

From: barry whittemore <wb1edi@...>
To: awa <awagroup@yahoogroups.com>
Sent: Wednesday, November 27, 2013 12:57 PM
Subject: RE: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

whatever you make, make sure you get it done by next weekend.
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: paul@...m
Date: Wed, 27 Nov 2013 12:52:11 -0500
Subject: Re: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Hi Doug,

This might sound like a non-answer but I would look at pictures (or better yet original articles from the 20s) and "feel" which one spoke to me the most. For me it isn't about the science of it. It's about choosing a rig I really like the looks of.

My first choice was the Hull Hartley, but finding some parts unobtainable (to do it the way I wanted) I settled for my second favorite - the TNT.

I'm sure you will get some answers that make more sense! :-)

73,
Paul N1BUG

On 11/27/2013 12:43 PM, Doug Forbes wrote:

If you had 2-210's or 1-211 which 1929 style TX would you build ?
>
>TPTG or TNT or ?
>
>If the 210's would you build push-pull or parallel ?
>
>
>I apologize if this has been discussed before and I just missed it.

>
>
>
>Doug WA6VYN

8553. Re: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 19:47:58 UTC
From: Joe Y
Topic: 8529 Message: 8553

Hi Doug,

I built a Hartley with the 211 I picked up. I also have a TNT with a 45 and find the Hartley easier to tune and more stable. The better stability could also be attributed to the large filament of the 211.
I have never had a pair of 210's but if I did I might try building a TPTG.

73,

Joe N2OUV

On Wednesday, November 27, 2013 2:01 PM, barry whittemore <wb1edi@...> wrote:

whatever you make, make sure you get it done by next weekend.
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: paul@...
Date: Wed, 27 Nov 2013 12:52:11 -0500
Subject: Re: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Hi Doug,

This might sound like a non-answer but I would look at pictures (or better yet original articles from the 20s) and "feel" which one spoke to me the most. For me it isn't about the science of it. It's about choosing a rig I really like the looks of.

My first choice was the Hull Hartley, but finding some parts unobtainable (to do it the way I wanted) I settled for my second favorite - the TNT.

I'm sure you will get some answers that make more sense! :-)

73,
Paul N1BUG

On 11/27/2013 12:43 PM, Doug Forbes wrote:

If you had 2-210's or 1-211 which 1929 style TX would you build ?
>
>TPTG or TNT or ?
>
>If the 210's would you build push-pull or parallel ?
>
>
>I apologize if this has been discussed before and I just missed it.

>
>
>
>Doug WA6VYN

8554. Re: [AWA Group] Sidetone

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 21:56:16 UTC
From: KG4KGL
Topic: 8534 Message: 8554

I just bought a BC-221 freq meter. I thought of using that as a monitor.

Robert

Sent from my iPhone

> On Nov 27, 2013, at 9:12, barry whittemore <wb1edi@...> wrote:
>
> This year i plan to use an ICom R70 because its convenient. I wanted to use one of the USB SDRs for RX as a Very old tech and very new tech approach but i do not have one yet.
> maybe next year. That will be fun.
>
> Barry
> NF1O
>
>
> To: AWAGroup@...m
> From: w0vlz@...
> Date: Wed, 27 Nov 2013 08:05:14 -0600
> Subject: Re: [AWA Group] Sidetone
>
>
> oh yeah. For the '29 gear I'm also intereested in the exact frequency.
> For this I've presssed into service what ever rig is in the shack that
> has KC/KHz readout. HRO500, ICOM 735 and KX3 have all served fine in
> this capacity.
>
> 73,
> Niel
>
> barry whittemore wrote:
> >
> > What do people use for a sidetone? Last year i just used the RX but
> > thats a bit harsh. It would be better to use a separate sidetone osc
> > and mute the RX.
> > I have a bunch of CPOs as i do a Scout CW demo frequently.
> > I see the ameco can be wired but not for cathode keyed radios and my
> > Hartley is cathode keyed.
> >
> > Thanks
> > Barry
> > NF1O
> >
> >
> >
>

>
>

8555. RE: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 22:33:13 UTC
From: Joe Y.
Topic: 8529 Message: 8555

Doug,

I built a Hartley with the 211 I had picked up. I also have a tnt with a 45. I find the Hartley much easier to tune and more stable. The stability

Sent from my Samsung Galaxy Express™, an AT&T LTE smartphone

-------- Original message --------
From: Doug Forbes <dougforbes@dslextreme.com>
Date: 11/27/2013 12:43 PM (GMT-05:00)
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

If you had 2-210's or 1-211 which 1929 style TX would you build ?

TPTG or TNT or ?

If the 210's would you build push-pull or parallel ?

I apologize if this has been discussed before and I just missed it.

Doug WA6VYN

8556. RE: Sidetone..ad nauseum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 22:52:18 UTC
From: Roger Kuchera
Topic: 8556 Message: 8556

I have 2 sources of sidetone; an original Leeds 1B CW monitor and a relay driven QSK gadget (from a QST/2012).

As someone pointed out the CW monitor is basically a de-sensed regen with an audio stage (at least the Leeds does).

The QSK gadget acts somewhat like a differential keyer. It grounds the RX before keying the TX. I added an extra relay to put the RX audio or sidetone (from my keyer) in the cans. Works like a charm.

I like to keep things original but when it comes to adjuncts for ease of operation or signal quality, I'll use what works.

CUL, Roger/K1TG

8557. Re: [AWA Group] RE: Sidetone..ad nauseum

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-27 23:06:37 UTC
From: Steve
Topic: 8556 Message: 8557

....sometimes it just better not to listen to these things, especially if it's a windy night ;-)

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8558. Kelley Rig Line-up at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 02:00:16 UTC
From: Louis Vermond
Topic: 8558 Message: 8558
Attachments: 3 described; binary payloads are missing from this source WARC

Hello,

This afternoon I completed the last of the three "1929 transmitters" I'll be using for this years Kelley Party. Assuming interest, this evening I will send, in two separate posts, additional photos of the second and third transmitters.

73, Lou

TNT with 160 metre coils
Tank form has internal antenna coupling windings. Four turns of #18 ga. d.s.c.

80 metre Tuned Plate-Resonate Grid (TNT) using a Marconi/Osram LS5a valve built after a rig found in the RSGB's, T&R Bulletin, September, 1931 ...er, 1929.
Except for the Cardwells and Weston metre, all parts are English.

40 metre REL #175 Hartley heavily modified in England using a Marconi LS5.
Note "loop modulation" coil. AWA AM QSO Party coming up!
Serious question: Does anyone have a good carbon mic for sale or trade?

8559. 80 metre Tuned Plate-Resonate Grid

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 02:15:27 UTC
From: Louis Vermond
Topic: 8559 Message: 8559
Attachments: 6 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8560. RE: [AWA Group] Kelley Rig Line-up at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 02:22:16 UTC
From: Mike Feher
Topic: 8558 Message: 8560
Attachments: 3 described; binary payloads are missing from this source WARC

Very well done Lou - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, November 27, 2013 9:00 PM
To: AWAGroup
Cc: Fred Rice WA3KIO
Subject: [AWA Group] Kelley Rig Line-up at VE3AWA

Hello,

This afternoon I completed the last of the three "1929 transmitters" I'll be using for this years Kelley Party. Assuming interest, this evening I will send, in two separate posts, additional photos of the second and third transmitters.

73, Lou

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Except for the Cardwells and Weston metre, all parts are English.

40 metre REL #175 Hartley heavily modified in England using a Marconi LS5.

Note "loop modulation" coil. AWA AM QSO Party coming up!

Serious question: Does anyone have a good carbon mic for sale or trade?

8561. REL #175 Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 02:31:25 UTC
From: Louis Vermond
Topic: 8561 Message: 8561
Attachments: 8 described; binary payloads are missing from this source WARC

REL 175

eBay photo

Eddystone "band-spread" condenser not shown.

8562. Re: If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 02:34:19 UTC
From: JAMES HANLON
Topic: 8529 Message: 8562

I have a pair of 10s and I built a MOPA with them. The note is better than a stand-alone oscillator, and the efficiency of the amplifier approaches 60 percent. That's about twice as good as my stand-alone Hartley.

Jim W8KGI

Sent from my iPhone

8563. Re: [AWA Group] 80 metre Tuned Plate-Resonate Grid

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 04:27:25 UTC
From: Steve
Topic: 8559 Message: 8563

Lou...the amount of work you have done in the past 12 months to present these three transmitters is very inspiring! All three look as if they have come right out of the box, all parts brand new. I tip my hat to a true master craftsman when it comes to building radios. You will now be permitted to rest on your lauels for some time...you've earned it OM!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8564. Re: [AWA Group] 80 metre Tuned Plate-Resonate Grid

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 05:05:14 UTC
From: Louis Vermond
Topic: 8559 Message: 8564
Attachments: 1 described; binary payloads are missing from this source WARC

You will now be permitted to rest on your lauels for some time...you've earned it OM!

Tks Steve, but I have a kit of parts for three rig projects that I've had in mind for years. One, for 30. I'm 68 so have to get on with it!

We've '29 rig QSOed on 40 & 80. Now ready for 160. When?

73 & GN, Lou
VE3AWA

8565. Re: [AWA Group] Kelley Rig Line-up at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 05:06:19 UTC
From: Louis Vermond
Topic: 8558 Message: 8565
Attachments: 3 described; binary payloads are missing from this source WARC

Thank you, Mike. Means a lot. 73, Lou

----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Cc: 'Fred Rice WA3KIO'
Sent: 2013-11-27 9:22 PM
Subject: RE: [AWA Group] Kelley Rig Line-up at VE3AWA

Very well done Lou - 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Wednesday, November 27, 2013 9:00 PM
To: AWAGroup
Cc: Fred Rice WA3KIO
Subject: [AWA Group] Kelley Rig Line-up at VE3AWA

Hello,

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TNT with 160 metre coils

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Except for the Cardwells and Weston metre, all parts are English.

40 metre REL #175 Hartley heavily modified in England using a Marconi LS5.

Note "loop modulation" coil. AWA AM QSO Party coming up!

Serious question: Does anyone have a good carbon mic for sale or trade?

8566. Re: [AWA Group] 80 metre Tuned Plate-Resonate Grid

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 06:27:09 UTC
From: Steve
Topic: 8559 Message: 8566

>We've '29 rig QSOed on 40 & 80. Now ready for 160. When?

got a 160 antenna ?

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8567. Re: [AWA Group] Kelley Rig Line-up at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 10:32:45 UTC
From: N1BUG
Topic: 8558 Message: 8567

three "1929 transmitters"
Fantastic job on all, Lou!

Assuming interest
?! Always interest! (Saw the additional pics... wonderful on all)

I'd be curious to know how the antenna coil is supported inside the 160 tank coil on the first TNT.

73,
Paul

8568. Re: [AWA Group] If you had 2-210's or 1-211 which 1929 style TX would you build ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 10:39:05 UTC
From: N1BUG
Topic: 8529 Message: 8568

I settled for my second favorite - the TNT.

, Lou

Hmm. I'll bet Lou was trying to say something here, but 'ddd.bmp' oddly refused to display on my PC (seriously).

73,
Bugsy

8569. Old dummy load and NIB 866tube

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 12:51:21 UTC
From: <dulmagedon@...>
Topic: 8569 Message: 8569

Yesterday I was visiting VE3XFE as we were stringing a beverage of sorts for his receiver. He showed me a ancient dummy load he had been given in an estate sale deal. It had a pair of 4 pin 100 ohm loads that said Ohmite Dummy Load 100 ohms.
The loads look like old light bulbs but don't glow. (We tried it out with a TS820S and it is still functional.) A switch connects them in parallel for amore satisfactory load. It appears very old and commercially made.
As I left he gave me a NIB 866jr rectifier tube. Now I need to find an ancient transformer so I can build a vintage PS for my 211 Hartley.
Don

8570. Re: [AWA Group] Sidetone

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 13:48:51 UTC
From: Larry Szendrei
Topic: 8534 Message: 8570

On 11/27/13 4:56 PM, KG4KGL wrote:
> I just bought a BC-221 freq meter. I thought of using that as a monitor.
>
> Robert
>
That would work very well. methinks.

I have an LM-5, similar to the BC-221, and although I could I don't use
it as a monitor, but use it to net my frequency when using the '29 rigs
with regenerative receivers (which choke (block) on the strong signal
from the XMTRs).

73,
-Larry/NE1S

8571. Re: [AWA Group] 80 metre Tuned Plate-Resonate Grid

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 13:58:54 UTC
From: Roger Kuchera
Topic: 8559 Message: 8571
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Lou,
     What's in the canning jar? Peaches?

Roger.

From: Louis Vermond <ldvermond@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, November 28, 2013 12:05 AM
Subject: Re: [AWA Group] 80 metre Tuned Plate-Resonate Grid

You will now be permitted to rest
on your lauels for some time...you've earned it OM!

Tks Steve, but I
have a kit of parts for three rig projects that I've
had in mind for years. One, for 30. I'm 68 so have to get on with it!

We've '29 rig QSOed on 40 &
80. Now ready for 160. When?

73 & GN, Lou
VE3AWA

8572. Re: [AWA Group] Kelley Rig Line-up at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 14:03:21 UTC
From: Larry Szendrei
Topic: 8558 Message: 8572

On 11/27/13 9:00 PM, Louis Vermond wrote:
>
> Hello,
> This afternoon I completed the last of the three "1929 transmitters"
> I'll be using for this years Kelley Party. Assuming interest, this
> evening I will send, in two separate posts, additional photos of the
> second and third transmitters.
> 73, Lou
>
Extremely beautiful work, Lou!

8573. RE: Re: [AWA Group] Kelley Rig Line-up at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 14:42:11 UTC
From: <dulmagedon@...>
Topic: 8558 Message: 8573

I cant see the pics of Lou's rigs. What do I need change to do that? Or is it because I am on dial up and files are too large. I would specicially like to see the 175 L deal. I have a carbon button mic cartridge with wires soldered to it you can have to build a vintage style Mic. If your interested I will test it to be SURE it is good and then chuck it in the mail for you should it test good which I believe it is. .
Don

---In AWAGroup@yahoogroups.com, <ne1s@...> wrote:

On 11/27/13 9:00 PM, Louis Vermond wrote:

Hello,

This afternoon I completed the last of the three "1929 transmitters" I'll be using for this years Kelley Party. Assuming interest, this evening I will send, in two separate posts, additional photos of the second and third transmitters.

73, Lou

Extremely beautiful work, Lou!

8574. Re: [AWA Group] Kelley Rig Line-up at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 15:51:26 UTC
From: Garey Barrell
Topic: 8558 Message: 8574

Where are the 'additional' pics??

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

N1BUG wrote:
>
>
> Assuming interest
> ?! Always interest! (Saw the additional pics... wonderful on all)
>

8575. Re: [AWA Group] 80 metre Tuned Plate-Resonate Grid

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 15:55:13 UTC
From: Louis Vermond
Topic: 8559 Message: 8575

Balanced line 80 mtr dipole as u know. Think I mentioned that on 160 the ant tuning is so tight that the slightest freq shift causes SWR increase affecting sig. Using ant as endfed which is fine.

Yes, have ant. When?
----- Original Message -----
From: Steve
To: AWAGroup@yahoogroups.com
Sent: 2013-11-28 1:27 AM
Subject: Re: [AWA Group] 80 metre Tuned Plate-Resonate Grid

>We've '29 rig QSOed on 40 & 80. Now ready for 160. When?

got a 160 antenna ?

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

---

Yahoo Groups Links

8576. Kelley Rig Line-up .....Garey & Don

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 16:02:33 UTC
From: Louis Vermond
Topic: 8576 Message: 8576

Garey,

You and Don did not to rx them, maybe others? Please send ur e-addresses to Ldvermond@...
and I will e-mail directly braking the two groups of photos into four.

73, Lou

----- Original Message -----
From: Garey Barrell
To: AWAGroup@yahoogroups.com
Sent: 2013-11-28 10:51 AM
Subject: Re: [AWA Group] Kelley Rig Line-up at VE3AWA

Where are the 'additional' pics??

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

N1BUG wrote:
>
>
> Assuming interest
> ?! Always interest! (Saw the additional pics... wonderful on all)
>

8577. Kelley Rig Line-up.... Don & Garey

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 18:29:04 UTC
From: Louis Vermond
Topic: 8577 Message: 8577

Hi Don, Hope you and Garey received those photos just sent.

I have a carbon button mic cartridge with wires soldered to it you can have to build a vintage style Mic. If your interested I will test it to be SURE it is good and then chuck it in the mail for you should it test good which I believe it is. . Don YES, please...

8578. RE: Kelley Rig Line-up.... Don & Garey

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 21:00:09 UTC
From: <dulmagedon@...>
Topic: 8577 Message: 8578

Yes it tested real good. I will wrap it up tonite and mail it in the morning. Its yours
Don

---In AWAGroup@yahoogroups.com, <ldvermond@...> wrote:

☐ I have a carbon button mic cartridge with wires soldered to it you can have to build a vintage style Mic. If your interested I will test it to be SURE it is good and then chuck it in the mail for you should it test good which I believe it is.
. Don YES, please...

8579. Don & Carbon Mic

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-28 22:35:25 UTC
From: Louis Vermond
Topic: 8579 Message: 8579

Yes it tested real good. I will wrap it up tonite and mail it in the morning. Its yours.
Don

Thank you, Don. AWA AM Net here I come!

73, Lou

Louis Vermond
P.O. Box 543
St. Marys, Ontario
N4X 1B3

8580. RE: Don & Carbon Mic

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-29 01:10:13 UTC
From: <dulmagedon@...>
Topic: 8579 Message: 8580

Mine actually works well on AM . I was surprised.
Spent the evening dragging out and setting up my TNT 45 tubed rig for CW and my single tube regen .
The single tube is probably not practical for CW work as it is only a single 01A but it is fun to sit hear listening to it. I had forgotten how hard it was to make the circuit work with no Audio amp but it does now. I think I need to build a serious 40m regen to use with my TNT and the 211 when it hits the airwaves. Perhaps a pair of 01Aand a 45 Audio PA.
Hearing isn't what it used to be!
Don
Parcel is on the way

---In AWAGroup@yahoogroups.com, <ldvermond@...> wrote:

☐ Yes it tested real good. I will wrap it up tonite and mail it in the morning. Its yours. Don
Thank you, Don. AWA AM Net here I come!

73, Lou

Louis Vermond
P.O. Box 543
St. Marys, Ontario
N4X 1B3

8581. Getting ready for BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-29 11:18:15 UTC
From: <dulmagedon@...>
Topic: 8581 Message: 8581

I am up and running now. Have the TNT tuned up around 7030kc and the single 01A regen running beside it. I was afraid it wouldn't copy anything as it is the bare minimum but I recorded a bunch of CW last night and this morning was copying AF5K station in Indiana I believe. Not wonderfully powerful audio but certainly useable. It is the truth though, real radios glow in the dark!
Don

8582. RE: Getting ready for BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-30 02:29:48 UTC
From: <dulmagedon@...>
Topic: 8581 Message: 8582

The more I run the 01A regen the better I get at making it work well. Ifit is tuned perfect volume is very good BUT it is very hard to tune The tuning is far too sensitive . I may have to parallel a cap and remove a turn to get it down to a easier rate of tuning .I am listening to it right now. A broadcast shortwave station but earlier I was copying a CW pile up on 40M and could hear W0SBH pounding away at each break trying to get a response. It is hand sensitive too which doesn't help. I was thinking about winding a small spiral coil to see if that helps. Speaking of which I was reading my old Radio News mags (1927 issues) and an article on an inexpensive Ham station, specifically a Hartley modified design for up to 20 meters . I had not noticed it before but the article said "The oscillator transformer may be wound in the spiral pancake fashion with flat copper as has become the current fashion. "
very interesting
Don
LdV , its mailed

---In AWAGroup@yahoogroups.com, <dulmagedon@...> wrote:

I am up and running now. Have the TNT tuned up around 7030kc and the single 01A regen running beside it. I was afraid it wouldn't copy anything as it is the bare minimum but I recorded a bunch of CW last night and this morning was copying AF5K station in Indiana I believe. Not wonderfully powerful audio but certainly useable. It is the truth though, real radios glow in the dark!
Don

8583. Re: [AWA Group] Kelley Rig Line-up at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-30 16:51:34 UTC
From: Jim Robson
Topic: 8558 Message: 8583
Attachments: 4 described; binary payloads are missing from this source WARC

Beautiful job, Lou. Looking forward to a contact with your REL. Here is the state of my Hartley as of this AM:

On 27/11/13 9:00 PM, Louis Vermond wrote:
>
> Hello,
> This afternoon I completed the last of the three "1929 transmitters"
> I'll be using for this years Kelley Party. Assuming interest, this
> evening I will send, in two separate posts, additional photos of the
> second and third transmitters.
> 73, Lou
> TNT with 160 metre coils
> Tank form has internal antenna coupling windings. Four turns of #18
> ga. d.s.c.
> 80 metre Tuned Plate-Resonate Grid (TNT) using a Marconi/Osram LS5a
> valve built after a rig found in the RSGB's, /T&R Bulletin/,
> September, 1931 ...er, 1929.
> Except for the Cardwells and Weston metre, all parts are English.
> 40 metre REL #175 Hartley heavily modified in England using a Marconi
> LS5.
> Note "loop modulation" coil. AWA AM QSO Party coming up!
> Serious question: Does anyone have a good carbon mic for sale or trade?
>

8584. Re: [AWA Group] Kelley Rig Line-up at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-30 17:52:31 UTC
From: Louis Vermond
Topic: 8558 Message: 8584
Attachments: 1 described; binary payloads are missing from this source WARC

Great start, Jim.

Rat trap. Add 4 db, Bugsy?

Re that RFC question, Jim. Removing any secondary windings, use that 'green coil' as ur RFC. A great make-doer.

73, Lou

Here is the state of my Hartley as of this AM:

8585. hartley circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-30 19:13:32 UTC
From: Jim Robson
Topic: 8558 Message: 8585

AWA Group friends: I am working on a Hartley circuit from a 1926 NRI pamphlet. There is a choke that calls for 50 turns of 28 DCC on a three inch form. I have a two inch form. Would any of the members know if I would require more or less turns? How critical is this? Many thanks.
Jim/VE3BHK

8586. Re: [AWA Group] Kelley Rig Line-up at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-30 19:33:33 UTC
From: Jim Robson
Topic: 8558 Message: 8586
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks Lou. Apart from the $15 bucks in the copper tubing, everything is either borrowed or stoled. The XYL'll never miss her 'best' coat hangars.... 73, Jim.

On 30/11/13 12:52 PM, Louis Vermond wrote:
>
> Great start, Jim.
> Rat trap. Add 4 db, Bugsy?
> Re that RFC question, Jim. Removing any secondary windings, use that
> 'green coil' as ur RFC. A great make-doer.
> 73, Lou
> Here is the state of my Hartley as of this AM:
>
>
>

8587. Re: [AWA Group] hartley circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-30 18:21:51 UTC
From: Steve
Topic: 8558 Message: 8587

Jim...the RFC in my Hull Hartley uses 160 turns (#31) on a 3/4"
form...measured inductance was just 166uH.

Steve / 73

> AWA Group friends: I am working on a Hartley circuit from a 1926 NRI
> pamphlet. There is a choke that calls for 50 turns of 28 DCC on a three
> inch form. I have a two inch form. Would any of the members know if I
> would require more or less turns? How critical is this? Many thanks.
> Jim/VE3BHK
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8588. Re: [AWA Group] hartley circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-30 20:45:36 UTC
From: Larry Szendrei
Topic: 8558 Message: 8588

On 11/30/13 2:13 PM, Jim Robson wrote:
>
> AWA Group friends: I am working on a Hartley circuit from a 1926 NRI
> pamphlet. There is a choke that calls for 50 turns of 28 DCC on a
> three inch form. I have a two inch form. Would any of the members
> know if I would require more or less turns? How critical is this?
> Many thanks. Jim/VE3BHK
>
> __
The number of turns required for a particular inductance will be
proportional to the square root of the ratio of the coil length to the
area of the circular form.

The short answer is you'll need more turns if the diameter of the form
is smaller.

73,
-Larry/NE1S

8589. 73~ de Eddy VE3CUI - VE3XZ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-30 20:50:50 UTC
From: Eddy Swynar
Topic: 8558 Message: 8589

Hi Guys,

I've said it before, I'll say it again: the ARRL RADIO AMATEUR'S HANDBOOK is your friend...

~73~ de Eddy VE3CUI - VE3XZ

On 2013-11-30, at 3:45 PM, Larry Szendrei wrote:

>
> On 11/30/13 2:13 PM, Jim Robson wrote:
>>
>> AWA Group friends: I am working on a Hartley circuit from a 1926 NRI pamphlet. There is a choke that calls for 50 turns of 28 DCC on a three inch form. I have a two inch form. Would any of the members know if I would require more or less turns? How critical is this? Many thanks. Jim/VE3BHK
>>
>> __
> The number of turns required for a particular inductance will be proportional to the square root of the ratio of the coil length to the area of the circular form.
>
> The short answer is you'll need more turns if the diameter of the form is smaller.
>
> 73,
> -Larry/NE1S
>
>

8590. Re: [AWA Group] 73~ de Eddy VE3CUI - VE3XZ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-30 23:34:01 UTC
From: Jim Robson
Topic: 8558 Message: 8590

Thanks, Larry. I think I can work with that. I am grateful.

And thanks Eddy.

73, Jim.

On 30/11/13 3:50 PM, Eddy Swynar wrote:
> */Hi Guys,/*
>
> I've said it before, I'll say it again: the ARRL /RADIO AMATEUR'S
> HANDBOOK/ is your friend...
>
> */~73~ de Eddy VE3CUI - VE3XZ< /i>/*
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> /On 2013-11-30, at 3:45 PM, Larry Szendrei wrote:/
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>> /On 11/30/13 2:13 PM, Jim Robson wrote:
>> /
>> / /
>>> / /
>>>
>>> / AWA Group friends: I am working on a Hartley circuit from a 1926
>>> NRI pamphlet. There is a choke that calls for 50 turns of 28 DCC on

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>>> a three inch form. I have a two inch form. Would any of the
>>> members know if I would require more or less turns? How critical is
>>> this? Many thanks. Jim/VE3BHK /
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>> / The number of turns required for a particular inductance will be
>> proportional to the square root of the ratio of the coil length to
>> the area of the circular form.
>>
>> The short answer is you'll need more turns if the diameter of the
>> form is smaller.
>>
>> 73,
>> -Larry/NE1S
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>> / /
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8591. Re: [AWA Group] 73~ de Eddy VE3CUI - VE3XZ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-30 22:21:20 UTC
From: Eddy Swynar
Topic: 8558 Message: 8591

On 2013-11-30, at 6:34 PM, Jim Robson wrote:

> Thanks, Larry. I think I can work with that. I am grateful.
>
> And thanks Eddy.
>
> 73, Jim.
>
>
> On 30/11/13 3:50 PM, Eddy Swynar wrote:
>
>>
>> Hi Guys,
>>
>> I've said it before, I'll say it again: the ARRL RADIO AMATEUR'S HANDBOOK is your friend...
>>
>> ~73~ de Eddy VE3CUI - VE3XZ< /i>
>>

Hi Jim,

I sincerely hope you didn't take my comment the wrong way...

The truth is, calculating "L" IS very intimidating at first---but once you've "designed" a few coils, it's really quite easy.

Get an old ARRL "Lightniing Calculator" if you can find one: they are INVALUABLE in terms of "L". "C", & resonances...make your work MUCH easier, bar none...

~73~ de Eddy VE3CUI - VE3XZ

8592. Re: [AWA Group] hartley circuit..by the book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-11-30 22:53:56 UTC
From: Poli, Louis (US SSA)
Topic: 8592 Message: 8592

Hi Jim;

Keep this in mind too, if you want everything you can get from the component.

The math/performance is optimized by certain conditions.

So conform to these rules as you can.
1. The coil should be as long as the diameter of the form. No more or less, (optimize the math, and therefore the Q).

2. If possible, space each turn by one wire thickness (reduce capacitance). Crisscrossing is typically quite difficult to do by an amateur, but very good if you can.

3. Use the thickest wire that is practical (current flows only on surface, power loss).

4. It is permitted to do multilayer, but now it should be crisscrossed, and keep to the rule of making the length of the coil the same as the diameter of the coil form, as you build layers.

Again these are the rules, but don't overly worry.

The most important consideration, is lowering the capacitance as you can.

If you change the coil form from the original design, the specified number of turns will change (smaller form diameter, more wire) but the relationship is not one to one, and hard to predict unless you do the math.
But for your situation it won't vary too much.

Take apart any IF can and you can see these rules in action.

Regards,
Louis N3OL

Original text:

AWA Group friends: I am working on a Hartley circuit from a 1926 NRI pamphlet. There is a choke that calls for 50 turns of 28 DCC on a three inch form. I have a two inch form. Would any of the members know if I would require more or less turns? How critical is this? Many thanks. Jim/VE3BHK

8593. Re: [AWA Group] hartley circuit..by the book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 01:22:42 UTC
From: Jim Robson
Topic: 8592 Message: 8593
Attachments: 1 described; binary payloads are missing from this source WARC

AWA Group friends: I genuinely thank all for assistance with this project. I am looking forward to the Hartley receiving poor QRJ, requests for QRO, all the while the operator is QRS and possibly requested to QRT. 73, Jim.

On 30/11/13 5:53 PM, Poli, Louis (US SSA) wrote:
> Hi Jim;
>
> Keep this in mind too, if you want everything you can get from the component.
>
> The math/performance is optimized by certain conditions.
>
> So conform to these rules as you can.
> 1. The coil should be as long as the diameter of the form. No more or less, (optimize the math, and therefore the Q).
>
> 2. If possible, space each turn by one wire thickness (reduce capacitance). Crisscrossing is typically quite difficult to do by an amateur, but very good if you can.
>
> 3. Use the thickest wire that is practical (current flows only on surface, power loss).
>
> 4. It is permitted to do multilayer, but now it should be crisscrossed, and keep to the rule of making the length of the coil the same as the diameter of the coil form, as you build layers.
>
> Again these are the rules, but don't overly worry.
>
> The most important consideration, is lowering the capacitance as you can.
>
> If you change the coil form from the original design, the specified number of turns will change (smaller form diameter, more wire) but the relationship is not one to one, and hard to predict unless you do the math.
> But for your situation it won't vary too much.
>
> Take apart any IF can and you can see these rules in action.
>
> Regards,
> Louis N3OL
>
> Original text:
>
> AWA Group friends: I am working on a Hartley circuit from a 1926 NRI pamphlet. There is a choke that calls for 50 turns of 28 DCC on a three inch form. I have a two inch form. Would any of the members know if I would require more or less turns? How critical is this? Many

thanks. Jim/VE3BHK
>
>
>

8594. RE: hartley circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 00:46:56 UTC
From: <dulmagedon@...>
Topic: 8558 Message: 8594

Pretend you are an electron moving to and fro at 3.5mc or 7.0 mc. Make enuf windings that it would IMPOSSIBLE for you to pass thru easily without becoming exhausted and it will work.
Don

---In AWAGroup@yahoogroups.com, <nc101x@...> wrote:

AWA Group friends: I am working on a Hartley circuit from a 1926 NRI pamphlet. There is a choke that calls for 50 turns of 28 DCC on a three inch form. I have a two inch form. Would any of the members know if I would require more or less turns? How critical is this? Many thanks. Jim/VE3BHK

8595. Re: [AWA Group] hartley circuit..by the book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 02:36:12 UTC
From: Louis Vermond
Topic: 8592 Message: 8595

AWA Group friends: I genuinely thank all for assistance with this project. I am looking forward to the Hartley receiving poor QRJ, requests for QRO, all the while the operator is QRS and possibly requested to QRT. 73, Jim.

Ur in gud form tonight, Jim. 20 min.s south here you'll be QRO.

GN, Lou

8596. Wazzat?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 03:55:10 UTC
From: Roger Kuchera
Topic: 8596 Message: 8596

What is the odd part in the pix.....one of those new VICTOR wave traps?

Roger.

8597. Re: [AWA Group] hartley circuit..by the book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 13:26:15 UTC
From: Larry Szendrei
Topic: 8592 Message: 8597

Great information, Louis.

Jim's original question was for an RFC, not a tank coil, so a lot of the considerations for optimizing Q aren't relevant to his situation.

73,
-Larry/NE1S

On 11/30/13 5:53 PM, Poli, Louis (US SSA) wrote:
>
> Hi Jim;
>
> Keep this in mind too, if you want everything you can get from the
> component.
>
> The math/performance is optimized by certain conditions.
>
> So conform to these rules as you can.
> 1. The coil should be as long as the diameter of the form. No more or
> less, (optimize the math, and therefore the Q).
>
> 2. If possible, space each turn by one wire thickness (reduce
> capacitance). Crisscrossing is typically quite difficult to do by an
> amateur, but very good if you can.
>
> 3. Use the thickest wire that is practical (current flows only on
> surface, power loss).
>
> 4. It is permitted to do multilayer, but now it should be
> crisscrossed, and keep to the rule of making the length of the coil
> the same as the diameter of the coil form, as you build layers.
>
> Again these are the rules, but don't overly worry.
>
> The most important consideration, is lowering the capacitance as you can.
>
> If you change the coil form from the original design, the specified
> number of turns will change (smaller form diameter, more wire) but the
> relationship is not one to one, and hard to predict unless you do the
> math.
> But for your situation it won't vary too much.
>
> Take apart any IF can and you can see these rules in action.
>
> Regards,
> Louis N3OL

>
> Original text:
>
> AWA Group friends: I am working on a Hartley circuit from a 1926 NRI
> pamphlet. There is a choke that calls for 50 turns of 28 DCC on a
> three inch form. I have a two inch form. Would any of the members
> know if I would require more or less turns? How critical is this?
> Many thanks. Jim/VE3BHK
>
>

8598. Re: [AWA Group] hartley circuit..by the book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 13:28:04 UTC
From: Larry Szendrei
Topic: 8592 Message: 8598

Jim,

Looking forward to hearing and working that Hartley! You certainly won't get any requests to QRT from here; quite the opposite!

73,
-Larry/NE1S

8599. ready for BK.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 14:13:03 UTC
From: barry whittemore
Topic: 8599 Message: 8599

the 80/40 dipole is up and looks good on the analyzer.

the UY-227 Hartley at 9W input looks like it likes it. (Maybe to much, My tune indicator bulb got real bright then real dark)
the vintage ICOM R70 Is ready to go for RX. (OK its not that vintage)
This year will be 80 and 40 and parts of both weekends. now to print the log sheet(s)
Barry
NF1O

8600. RF Ammeter data

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 14:54:53 UTC
From: Roger Kuchera
Topic: 8600 Message: 8600

Gentlemen,

I recently received a NIB Triplett, Model 241, RF Ammeter. A fellow member was kind enough to give it to me. It is the thermocouple type and came complete with a separate thermocouple unit. It is a rare (?) thing to find them both. The range is 0 - 1.5 Amperes.

So far I have been unable to find much technical data on it, other than generic stuff.

Is there anyone who might have any data or can point me in the right direction to find it.

Let me say Thanks, in advance.

GL in the BK.

CUL, Roger/K1TG

8601. RE: [AWA Group] RF Ammeter data

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 15:23:58 UTC
From: Mike Feher
Topic: 8600 Message: 8601

These type of RF ammeters were used in a lot of the WWII military transmitters. For example, the BC-442A, used with the common SCR-274/ARC-5, used a similar meter but with a different scale. It also had a separate thermocouple. They were often spared in pairs. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Sunday, December 01, 2013 9:55 AM
To: AWA
Subject: [AWA Group] RF Ammeter data

Gentlemen,
I recently received a NIB Triplett, Model 241, RF Ammeter. A fellow member was kind enough to give it to me. It is the thermocouple type and came complete with a separate thermocouple unit. It is a rare (?) thing to find them both. The range is 0 - 1.5 Amperes.

So far I have been unable to find much technical data on it, other than generic stuff.

Is there anyone who might have any data or can point me in the right direction to find it.

Let me say Thanks, in advance.

GL in the BK.

CUL, Roger/K1TG

8602. Re: [AWA Group] hartley circuit..by the book

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 17:56:32 UTC
From: Daniel Yoder
Topic: 8592 Message: 8602

You might find some help here.

http://www.electronics-tutorials.com/basics/inductance.htm

On Sun, Dec 1, 2013 at 8:28 AM, Larry Szendrei <ne1s@securespeed.us> wrote:

>
>
> Jim,
>
> Looking forward to hearing and working that Hartley! You certainly won't
> get any requests to QRT from here; quite the opposite!
>
> 73,
> -Larry/NE1S
>
>

8603. QRP watt metre?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 18:50:40 UTC
From: Louis Vermond
Topic: 8603 Message: 8603

Did Daiwa make a low pwr meter with, say, 5/10/30W ranges?

Tks, Lou

8604. Re: [AWA Group] RE: hartley circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 19:03:59 UTC
From: Ron Barlow
Topic: 8558 Message: 8604

Hi Jim,

I would suggest 75 turns. This would yield ~ the same overall wire length, as 50 turns on a 2 inch form. The 75 t on a 2" form, will not be an exact equal of 50t on a 3 inch form, but it should be close enough.

The answer is actually also quite dependent on the operating frequency.
However, I do not believe that the actual number of turns would be critical, as long as the choke has enough inductance, to yield a relatively high impedance at the frequency involved.
If the impedance, of the choke, is not high enough, a substantial amount of RF current will flow through the choke.
RF chokes are not usually of high Q construction, so the result will be that a substantial amount of your precious RF power will be converted to heating the choke, intead of being delivered to the antenna.

In any event, series resonance is also something that you want to avoid. If the choke is operating at or near a series resonant frequency, your oscillator may not oscillate, at all, as the "choke" will appear to be a short circuit.

GL & 73 de Ron

From: "dulmagedon@..." <dulmagedon@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, November 30, 2013 7:46 PM
Subject: [AWA Group] RE: hartley circuit

Pretend you are an electron moving to and fro at 3.5mc or 7.0 mc. Make enuf windings that it would IMPOSSIBLE for you to pass thru easily without becoming exhausted and it will work.
Don

---In AWAGroup@yahoogroups.com, <nc101x@...> wrote:

AWA Group friends: I am working on a Hartley circuit from a 1926 NRI pamphlet. There is a choke that calls for 50 turns of 28 DCC on a three inch form. I have a two inch form. Would any of the members know if I would require more or less turns? How critical is this? Many thanks. Jim/VE3BHK

8605. Re: [AWA Group] RE: hartley circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 20:35:01 UTC
From: Jim Robson
Topic: 8558 Message: 8605

Thank you AWA Group friends. I will keep you posted. 73, Jim.

On 01/12/13 2:03 PM, Ron Barlow wrote:
> Hi Jim,
> I would suggest 75 turns. This would yield ~ the same overall wire
> length, as 50 turns on a 2 inch form. The 75 t on a 2" form, will not
> be an exact equal of 50t on a 3 inch form, but it should be close enough.
> The answer is actually also quite dependent on the operating frequency.
> However, I do not believe that the actual number of turns would be
> critical, as long as the choke has enough inductance, to yield a
> relatively high impedance at the frequency involved.
> If the impedance, of the choke, is not high enough, a substantial
> amount of RF current will flow through the choke.
> RF chokes are not usually of high Q construction, so the result will
> be that a substantial amount of your precious RF power will be
> converted to heating the choke, intead of being delivered to the antenna.
> In any event, series resonance is also something that you want to
> avoid. If the choke is operating at or near a series resonant
> frequency, your oscillator may not oscillate, at all, as the "choke"
> will appear to be a short circuit.
> GL & 73 de Ron
> *From:* "dulmagedon@..." <dulmagedon@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* Saturday, November 30, 2013 7:46 PM
> *Subject:* [AWA Group] RE: hartley circuit
>
> Pretend you are an electron moving to and fro at 3.5mc or 7.0 mc. Make
> enuf windings that it would IMPOSSIBLE for you to pass thru easily
> without becoming exhausted and it will work.
> Don
>
>
> ---In AWAGroup@yahoogroups.com, <nc101x@...> wrote:
>
> AWA Group friends: I am working on a Hartley circuit from a 1926 NRI
> pamphlet. There is a choke that calls for 50 turns of 28 DCC on a
> three inch form. I have a two inch form. Would any of the members
> know if I would require more or less turns? How critical is this?
> Many thanks. Jim/VE3BHK
>
>
>
>

8606. hartley circuit & Jim

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-01 20:23:41 UTC
From: Louis Vermond
Topic: 8606 Message: 8606

Thank you AWA Group friends. I will keep you posted. 73, Jim.

Will I be asked for a RST tonight, Jim? Lou

8607. Fun with grid coil windings, LdV- its mailed, Bugsy's problem (it is hoped, cured) and question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 03:14:57 UTC
From: Louis Vermond
Topic: 8607 Message: 8607
Attachments: 4 described; binary payloads are missing from this source WARC

My 160 metre grid coil "tuning" was finished this afternoon. A lot of patience and work for no gain.

From this...

to this.

Lowest plate current point with original 150 turn grid coil was 1563kc. Fully loaded, 250V B+ / PI 11ma. / 2.75W In / 1.25W Out

Now, 1880 kc. (yup, too many). All voltages and loading equal to above, PI 14ma. / 3.5W In. / 1.25W Out

Read in this as you may and please share. Whatever though, very little change over original turn count. Signal fully loaded is (and was) a bit "melodious" with small degree of drift, but no chirp. Reducing the output by 1/2W signal greatly improved.

This is will be my first time on Kelley 160. Looking forward to working you....

LDV-it's mailed. Thank you, Don. As soon as the mic arrives I will add a phono plug and start yelling. Will let you know.

Hi Lou, What's in the canning jar? Peaches? Roger. Salt water grid leak...honest. Ask Larry.

"I settled for my second favorite - the TNT." Paul

, Lou

Hmm. I'll bet Lou was trying to say something here, but 'ddd.bmp' oddly refused to display on my PC (seriously). 73, Bugsy

I'd be curious to know how the antenna coil is supported inside the 160 tank coil on the first TNT. 73, Paul

Three spots of crazy glue than lacquered around. Mike F, there'll be no hi-rez close-ups of this job. While Bugsy inspired (below), not Bugsy realized.

8608. 7050 test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 11:52:17 UTC
From: <dulmagedon@...>
Topic: 8608 Message: 8608

Would like a 7050kc test sometime today before the pileups start. Any volunteers?

8609. RE: [AWA Group] 7050 test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 12:15:06 UTC
From: barry whittemore
Topic: 8608 Message: 8609

I could sometime after i get home from work (5 ish) EST

Barry

NF1O (NH)

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 03:52:17 -0800
Subject: [AWA Group] 7050 test

Would like a 7050kc test sometime today before the pileups start. Any volunteers?

8610. Post-Purchase Domestic Bliss at the QTH of Joseph Lumpy Cro

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 12:19:27 UTC
From: Louis Vermond
Topic: 8610 Message: 8610
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8611. Re: [AWA Group] Fun with grid coil windings, LdV- its mailed, Bugsy's problem (it is hoped, cured) and question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 12:23:52 UTC
From: Larry Szendrei
Topic: 8607 Message: 8611
Attachments: 1 described; binary payloads are missing from this source WARC

Lou,

What did you use for a form(er) for the 160M plate tank coil, and link?

-Larry

On 12/1/13 10:14 PM, Louis Vermond wrote:
>
>
>
> __

8612. Re: [AWA Group] Fun with grid coil windings, LdV- its mailed, Bugsy's problem (it is hoped, cured) and question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 12:52:44 UTC
From: N1BUG
Topic: 8607 Message: 8612
Attachments: 1 described; binary payloads are missing from this source WARC

Lowest plate current point with original 150 turn grid coil was 1563kc. Fully loaded, 250V B+?/ PI 11ma. /? 2.75W In / 1.25W Out
?

Now, 1880 kc. (yup, too many). All voltages and loading equal to above, PI 14ma. /? 3.5W In. / 1.25W Out? ?

?

Read in this as you may and please share. Whatever though, very little?change over original turn count.

Danged if that doesn't sound awfully familiar! Similar experience here. Much more forging than on the other bands.

"I settled for my second favorite - the TNT." Paul

, Lou

Uh-oh! I gotta run and hide before Lou gets here!
Wait, maybe I can get off the hook? I still have all (I think) the parts for a Hull Hartley, save one pesky thing. The idea isn't dead, just dormant for a while.

I'd be curious to know how the antenna coil is supported inside the 160 tank coil on the first TNT.? 73, Paul

?

Three spots of crazy glue than lacquered around.

TNX Lou. Very clever.

Bugsy

8613. BK and LC shifted to 7100-7125 KC

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 12:53:52 UTC
From: Niel - W0VLZ
Topic: 8608 Message: 8613

Reminder that the 40 meter BK frequency shifted to 7100-7125. Same for the January LC.

8614. RE: RE: [AWA Group] 7050 test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 14:45:49 UTC
From: <dulmagedon@...>
Topic: 8608 Message: 8614

How about 5.30?
Don

---In AWAGroup@yahoogroups.com, <wb1edi@...> wrote:

I could sometime after i get home from work (5 ish) EST
Barry
NF1O (NH)

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 03:52:17 -0800
Subject: [AWA Group] 7050 test

Would like a 7050kc test sometime today before the pileups start. Any volunteers?

8615. BK and LC shifted to 7100-7125 KC & 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 15:01:44 UTC
From: Louis Vermond
Topic: 8615 Message: 8615

Reminder that the 40 meter BK frequency shifted to 7100-7125. Same for the January LC.

Tks Niel, and due to a contest this Saturday, 160 Party activity is the following weekend. Have that right? Lou

8616. Re: [AWA Group] BK and LC shifted to 7100-7125 KC & 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 15:36:12 UTC
From: Niel - W0VLZ
Topic: 8615 Message: 8616

Lou,

I'm just going by the rules posted at
http://www.antiquewireless.org/uploads/1/6/1/2/16129770/the_2013_bruce_kelley_1929_qso_party_info.pdf

> 160 Party activity is the following weekend

Sounds like a prudent plan to me. The rules do mention plus or minus
QRM. The ARRL 160 Meter Party (http://www.arrl.org/160-meter) will
probably generate a lot of it.

Niel

Louis Vermond wrote:
>
> □
>
> Reminder that the 40 meter BK frequency shifted to 7100-7125. Same for
> the January LC.
>
> Tks Niel, and due to a contest this Saturday, 160 Party activity is
> the following weekend. Have that right? Lou
>
>

8617. RE: [AWA Group] 7050 test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 16:06:07 UTC
From: barry whittemore
Topic: 8608 Message: 8617

5:30 should be OK, i will email before.

Barry

NF1O

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 06:45:49 -0800
Subject: RE: RE: [AWA Group] 7050 test

How about 5.30?

Don

---In AWAGroup@yahoogroups.com, <wb1edi@...> wrote:

I could sometime after i get home from work (5 ish) EST
Barry
NF1O (NH)

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 03:52:17 -0800
Subject: [AWA Group] 7050 test

Would like a 7050kc test sometime today before the pileups start. Any volunteers?

8618. Re: [AWA Group] BK and LC shifted to 7100-7125 KC & 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 17:14:04 UTC
From: Louis Vermond
Topic: 8615 Message: 8618

Niel, It's a plan than. Tks, Lou

----- Original Message -----
From: Niel - W0VLZ
To: AWAGroup@yahoogroups.com
Sent: 2013-12-02 10:36 AM
Subject: Re: [AWA Group] BK and LC shifted to 7100-7125 KC & 160

Lou,

I'm just going by the rules posted at
http://www.antiquewireless.org/uploads/1/6/1/2/16129770/the_2013_bruce_kelley_1929_qso_party_info.pdf

> 160 Party activity is the following weekend

Sounds like a prudent plan to me. The rules do mention plus or minus
QRM. The ARRL 160 Meter Party (http://www.arrl.org/160-meter) will
probably generate a lot of it.

Niel

Louis Vermond wrote:
>
> □
>
> Reminder that the 40 meter BK frequency shifted to 7100-7125. Same for
> the January LC.
>
> Tks Niel, and due to a contest this Saturday, 160 Party activity is
> the following weekend. Have that right? Lou
>
>

8619. RE: [AWA Group] hartley circuit..by the book..to clarify

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 17:26:43 UTC
From: Poli, Louis (US SSA)
Topic: 8592 Message: 8619

Thanks Larry;

Always a pleasure to correspond.
A lot of interesting issues come by, and I have a keen interest in building from the old designs.
One jpg showed a polished pristine xmitter on a woodworked breadboard. Nice.

Let me clarify a bit as well.
True enough (and I should have written the discussion better); the notion of Q is of great importance to a tank or truly tuned circuits in general and the chokes typically need to be broad band.

A reasonable exception is the large, tall, multiple coil, xmitter choke that stands vertically and connects directly to the PA tube plates.
These components attempt to offer an increased loss at selected frequencies, through multiple spaced out coils, to prevent the sometimes widely spread out parasitic frequencies, from taking hold in the PA.

But the notions of low capacitance crisscrossed windings; large wire size to prevent high xmitter plate circuit losses; and the "pie-plate" ratio of form diameter to coil size remains a good guideline for the original question, and is universally used for them.
Let me ask our associates to look at the usual small choke (miller, etc); or the tall ceramic xmitter plate circuit chokes, for some context.
It's also an amazing thing when you closely view it.

I once saw a machine type, which did the high speed crisscrossed windings; technology adapted from the garment industry.
All well and good, but it also did the very thin, but very high as well, multiple, spaced apart, crisscrossed pie plate windings for the little choke components. And it has to be cheap too.
Hard to believe it could be that precise.

Regards,
Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Sunday, December 01, 2013 8:26 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] hartley circuit..by the book

Great information, Louis.

Jim's original question was for an RFC, not a tank coil, so a lot of the considerations for optimizing Q aren't relevant to his situation.

73,
-Larry/NE1S

On 11/30/13 5:53 PM, Poli, Louis (US SSA) wrote:

Hi Jim;

Keep this in mind too, if you want everything you can get from the component.

The math/performance is optimized by certain conditions.

So conform to these rules as you can.
1. The coil should be as long as the diameter of the form. No more or less, (optimize the math, and therefore the Q).

2. If possible, space each turn by one wire thickness (reduce capacitance). Crisscrossing is typically quite difficult to do by an amateur, but very good if you can.

3. Use the thickest wire that is practical (current flows only on surface, power loss).

4. It is permitted to do multilayer, but now it should be crisscrossed, and keep to the rule of making the length of the coil the same as the diameter of the coil form, as you build layers.

Again these are the rules, but don't overly worry.

The most important consideration, is lowering the capacitance as you can.

If you change the coil form from the original design, the specified number of turns will change (smaller form diameter, more wire) but the relationship is not one to one, and hard to predict unless you do the math.
But for your situation it won't vary too much.

Take apart any IF can and you can see these rules in action.

Regards,
Louis N3OL

Original text:

AWA Group friends: I am working on a Hartley circuit from a 1926 NRI pamphlet. There is a choke that calls for 50 turns of 28 DCC on a three inch form. I have a two inch form. Would any of the members know if I would require more or less turns? How critical is this? Many thanks. Jim/VE3BHK

8620. Re: [AWA Group] BK and LC shifted to 7100-7125 KC & 160

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 17:32:08 UTC
From: Steve
Topic: 8615 Message: 8620

> Sounds like a prudent plan to me. The rules do mention plus or minus QRM. The ARRL 160 Meter Party (http://www.arrl.org/160-meter) will probably generate a lot of it.

Yes...I don't think any '29ers would seriously contemplate 160m on the first weekend. This should have been emphasized in the contest announcement as the ARRL 160 packs signals from one end to the other. Anyone sparking-up at this time would likely not have a pleasant experience and find that the 'gentlemen's' band is not always so gentlemanly.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8621. Power into the Antenna

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 21:34:03 UTC
From: Bill Stewart
Topic: 8621 Message: 8621

GA all,
I have been trying to get an estimate of the power delivered to the antenna from my Meissner osc. I am using a 160m off-ctr fed hertz (sgl wire feed connected off center & now known as the Windom). According to a Weston 425 rf amp meter (0-1A rf ammeter), in the feed line, I'm getting a whopping 50ma. As I understand it, this antenna is high imped...500-600 ohms. Is the proper way to figure this to use P=Isq(R). If so, I'm getting about 1.5w (using 600 ohms) into the antenna. Oh, the antenna is only about 25-30 ft high...almost a dummy load at 1.8mc. The tube is a C-301A and I am really knocking it about with 350vdc B+ at abt 20ma....so abt 7w input. The efficiency is dismal. So far this season, I have managed to work into VA with a 598C report. I have also received reports up into PA via the RBN.
Oh, a #47 lamp in place of the RFA just gets the tip of the lamp fil. glowing.

So far I have still had no success getting any power via a six turn coil coupled to the gnd end of the tank coil (with its variable cap). Would like to get this feature to work so I can use my inv. L (coax fed)....still diddling on that.
Tnx and 73 de Bill K4JYS

8622. RE: [AWA Group] 7050 test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 22:27:31 UTC
From: barry whittemore
Topic: 8608 Message: 8622

I am listening now around there (7050)
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 06:45:49 -0800
Subject: RE: RE: [AWA Group] 7050 test

How about 5.30?
Don

---In AWAGroup@yahoogroups.com, <wb1edi@...> wrote:

I could sometime after i get home from work (5 ish) EST

Barry

NF1O (NH)

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 03:52:17 -0800
Subject: [AWA Group] 7050 test

Would like a 7050kc test sometime today before the pileups start. Any volunteers?

8623. RE: [AWA Group] 7050 test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 22:51:01 UTC
From: barry whittemore
Topic: 8608 Message: 8623

i ilstened and called around 7050 and did hear a faint old style tx out there but did not get the full call. it was not yours though.
off to scouts now though.
73
barry
NF1O

To: awagroup@yahoogroups.com
From: wb1edi@hotmail.com
Date: Mon, 2 Dec 2013 17:27:31 -0500
Subject: RE: [AWA Group] 7050 test

I am listening now around there (7050)
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 06:45:49 -0800
Subject: RE: RE: [AWA Group] 7050 test

How about 5.30?
Don

---In AWAGroup@yahoogroups.com, <wb1edi@...> wrote:

I could sometime after i get home from work (5 ish) EST

Barry

NF1O (NH)

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 03:52:17 -0800
Subject: [AWA Group] 7050 test

Would like a 7050kc test sometime today before the pileups start. Any volunteers?

8624. Re: [AWA Group] 7050 test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 22:52:39 UTC
From: Dave VanDenburg
Topic: 8608 Message: 8624

Hi Barry

I heard you calling CQ at 5:30 on 7050. You were weak with severe QSB, changing from 349 to a respectable 559 (OK, there was a little chirp). I tried to call you but do not think you heard me.

I am getting a lot of splatter from W1AW just below and some digital guys almost on your frequency.

Just thought you would like to know you are getting out.

By the way, I am using a Heath RX-1 so my receiving set up is not the best.

With improved propagation, we should have no problems exchanging chirp reports.

73, Dave

From: barry whittemore <wb1edi@...>
To: awa <awagroup@yahoogroups.com>
Sent: Monday, December 2, 2013 5:27 PM
Subject: RE: [AWA Group] 7050 test

I am listening now around there (7050)
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 06:45:49 -0800
Subject: RE: RE: [AWA Group] 7050 test

How about 5.30?
Don

---In AWAGroup@yahoogroups.com, <wb1edi@...> wrote:

I could sometime after i get home from work (5 ish) EST
Barry
NF1O (NH)

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 03:52:17 -0800
Subject: [AWA Group] 7050 test

Would like a 7050kc test sometime today before the pileups start. Any volunteers?

8625. RE: [AWA Group] 7050 test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 23:02:24 UTC
From: barry whittemore
Topic: 8608 Message: 8625

Thanks dave, I did hear you though i never quite got your call. I had the WA and NOF so i misscopied the D. I knew you had a similar TX.
I hope to get you next weekend and maybe tomorrow we can move up to the 7115 or so area. I heard W1AW and the Digi but i could filter them out with my IC R70.
73
barry
NF1O

To: AWAGroup@yahoogroups.com
From: wa8dof@...
Date: Mon, 2 Dec 2013 14:52:39 -0800
Subject: Re: [AWA Group] 7050 test

Hi Barry I heard you calling CQ at 5:30 on 7050. You were weak with severe QSB, changing from 349 to a respectable 559 (OK, there was a little chirp). I tried to call you but do not think you heard me. I am getting a lot of splatter from W1AW just below and some digital guys almost on your frequency. Just thought you would like to know you are getting out. By the way, I am using a Heath RX-1 so my receiving set up is not the best. With improved propagation, we should have no problems exchanging chirp
reports. 73, Dave
From: barry whittemore <wb1edi@...>
To: awa <awagroup@yahoogroups.com>
Sent: Monday, December 2, 2013 5:27 PM
Subject: RE: [AWA Group] 7050 test

I am listening now around there (7050)BarryNF1OTo: AWAGroup@yahoogroups.comFrom: dulmagedon@...: Mon, 2 Dec 2013 06:45:49 -0800Subject: RE: RE: [AWA Group] 7050 test

How about 5.30?Don ---In AWAGroup@yahoogroups.com, <wb1edi@...> wrote:

I could sometime after i get home from work (5 ish) EST
Barry
NF1O (NH)

To: AWAGroup@yahoogroups.comFrom: dulmagedon@...Date: Mon, 2 Dec 2013 03:52:17 -0800Subject: [AWA Group] 7050 test

Would like a 7050kc test sometime today before the pileups start. Any volunteers?

8626. VE7SL... Serious QSLer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 23:06:18 UTC
From: Louis Vermond
Topic: 8626 Message: 8626
Attachments: 1 described; binary payloads are missing from this source WARC

Tks Steve for the photos as well. 73, Lou

8627. RE: RE: [AWA Group] 7050 test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 23:14:13 UTC
From: <dulmagedon@...>
Topic: 8608 Message: 8627

was having great difficulty with WIAW and the packet station which is about 4 miles from me. (Can military I think) hard to concentrate with so much going on. heard a couple of whoopers but haed to coy with so much else on. I tried a couple of times and QRLed with an Id as well just in case. Not to be tonite. Thanks for listening. I will try another nite from my longwire I guess. Was on the inverted V tonite
Don

---In AWAGroup@yahoogroups.com, <wb1edi@...> wrote:

Thanks dave, I did hear you though i never quite got your call. I had the WA and NOF so i misscopied the D. I knew you had a similar TX.
I hope to get you next weekend and maybe tomorrow we can move up to the 7115 or so area. I heard W1AW and the Digi but i could filter them out with my IC R70.
73
barry
NF1O

To: AWAGroup@yahoogroups.com
From: wa8dof@...
Date: Mon, 2 Dec 2013 14:52:39 -0800
Subject: Re: [AWA Group] 7050 test

Hi Barry

I heard you calling CQ at 5:30 on 7050. You were weak with severe QSB, changing from 349 to a respectable 559 (OK, there was a little chirp). I tried to call you but do not think you heard me.

I am getting a lot of splatter from W1AW just below and some digital guys almost on your frequency.

Just thought you would like to know you are getting out.

By the way, I am using a Heath RX-1 so my receiving set up is not the best.

With improved propagation, we should have no problems exchanging chirp reports.

73, Dave

From: barry whittemore <wb1edi@...>
To: awa <awagroup@yahoogroups.com>
Sent: Monday, December 2, 2013 5:27 PM
Subject: RE: [AWA Group] 7050 test

I am listening now around there (7050)
Barry
NF1O

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 06:45:49 -0800
Subject: RE: RE: [AWA Group] 7050 test

How about 5.30?
Don

---In AWAGroup@yahoogroups.com, <wb1edi@...> wrote:

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NF1O (NH)

To: AWAGroup@yahoogroups.com
From: dulmagedon@...
Date: Mon, 2 Dec 2013 03:52:17 -0800
Subject: [AWA Group] 7050 test

Would like a 7050kc test sometime today before the pileups start. Any volunteers?

8628. RE: [AWA Group] Power into the Antenna...calculation

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-02 23:22:28 UTC
From: Poli, Louis (US SSA)
Topic: 8621 Message: 8628

Bill;
Some comments.
Let me invite the group to comment on my thoughts on this.

I don't see an easy way out for this calculation; as there remain too many unknowns.

The antenna as you have noted, is high impedance.

So let that Z be 400 ohms.

The formula you quoted will work then.

The trouble is, that the 400 ohms will present itself, only, if the antenna is the proper height and proper length.

I am not familiar with the Windoms, but this proper height could be ¼ wavelength (this is proper for a dipole). Even then, the environment around it if it's close enough, will change it again.

In general the, the closer to the ground you fly it (i.e. the farther you depart from ¼ wave height), the lower the impedance gets. Now this Z impedance must be Real (no reactive part), so a measurement by one of the Ham analyzers on the market while interesting; is one which will be composed of the real and reactive number parts, and cannot be used.

The bottom line is that it is very difficult to quote the Z of a real world antenna. So the calculation using the known current (you measured) is not helpful.

If you really want a calculation, then this might work.

1. Let me assume presently that the feed line is 50 ohm coax. If it isn't and is open wire/twin lead, then we might still be able to do it. I wrote about that last.

2. Terminate the feed line in 50 ohms instead of with the antenna.

Now measure the current there.

3. We can reasonably assume now that if you have tuned your transmitter, and the coax is 50 ohms, and the load is 50 ohms; then the current you measure with the RF ammeter at the end of the line is correct. Now you can calculate the power delivered to the antenna.

4. If this is all you want, then you are done.

I don't know your circumstances but typically, power delivered to the antenna is not overly important.

If your feed-line is any good, and not too long, then most of it will get to the antenna. What is important is how much of this power can the antenna radiate.

If the antenna is not 50 ohms, it gets increasingly bounced back to the transmitter.

5. To measure what the antenna takes. Do this.

Connect the antenna to the coax (no resistor). Tune the antenna with a match box or by trimming it, while measuring the current.

The current will go up to a max when the antenna accepts all the power it can.

The current you measure, will calculate into power that is taken be the antenna.

To do this accurately, you must be as close to the feed-point of the antenna as is possible.

6. If you simply feed the antenna directly (no resistor) and measure the current again, the current will go down (I think) as the antenna rejects some amount of the power it is fed.

Now let me say that I am not quite sure about if the current goes down.

A mismatch will change the readings (how much?) as the power goes both forward and backwards at the same time (standing waves, VSWR). Only at your best tuning, can the current be accurate.

7. Now if you are using 400 ohm twin lead or open wire. Do the same thing.

Use a 400 ohm resistor this time for the load, (no antenna) and tune the transmitter into the twin lead at its end.

The current measured at the load end of the line will be a maximum at the best tuning you can do at the transmitter.

Calculate the power with R = 400 ohms; and this is the power delivered to the antenna.

But here is the catch; you need to know the impedance of the twin lead. If it is near anything conductive, or the ground, it won’t be 400 ohms anymore.

That is the good reason for coax.

If you want some experience. Create a 4 foot line to practice with on the table top.

Measure everything like the above. With a twin lead/open wire transmission line, keep everything a distance of at least four times the twin lead width.

You can’t duplicate the antenna this way, but if you now place a variable capacitor or inductor in the line, just after the 400 ohm resistor, you can kind of mimic it.

Regards,

Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Bill Stewart
Sent: Monday, December 02, 2013 4:34 PM
To: AWA Group
Subject: [AWA Group] Power into the Antenna

GA all,

I have been trying to get an estimate of the power delivered to the antenna from

my Meissner osc. I am using a 160m off-ctr fed hertz (sgl wire feed connected off center & now known as the Windom). According to a Weston 425 rf amp meter (0-1A rf ammeter), in the feed line, I'm getting a whopping 50ma. As I understand it, this antenna is high imped...500-600 ohms. Is the proper way to figure this to use P=Isq(R). If so, I'm getting about 1.5w (using 600 ohms) into the antenna. Oh, the antenna is only about 25-30 ft high...almost a dummy load at 1.8mc. The tube is a C-301A and I am really knocking it about with 350vdc B+ at abt 20ma....so abt 7w input. The efficiency is dismal. So far this season, I have managed to work into VA with a 598C report. I have also received reports up into PA via the RBN.
Oh, a #47 lamp in place of the RFA just gets the tip of the lamp fil. glowing.
So far I have still had no success getting any power via a six turn coil coupled to the gnd end of the tank coil (with its variable cap). Would like to get this feature to work so I can use my inv. L (coax fed)....still diddling on that.
Tnx and 73 de Bill K4JYS

8629. Thanks for the BK advice and here's what I built.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-03 00:24:09 UTC
From: Doug Forbes
Topic: 8529 Message: 8629
Attachments: 3 described; binary payloads are missing from this source WARC

Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

http://sites.google.com/site/dougforbes1/home

8630. Re: [AWA Group] Thanks for the BK advice and here's what I built.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-03 05:58:44 UTC
From: Steve
Topic: 8529 Message: 8630

Looks perfect Doug! Look forward to working you in the B-K...are you in California?

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8631. RE: RE: [AWA Group] 7050 test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-03 12:14:50 UTC
From: <dulmagedon@...>
Topic: 8608 Message: 8631

7082 right now for next 5 minutes

8632. Re: [AWA Group] Thanks for the BK advice and here's what I built.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-03 12:25:36 UTC
From: Dave VanDenburg
Topic: 8529 Message: 8632
Attachments: 3 described; binary payloads are missing from this source WARC

Looks FB Doug. Do you think that 211 will handle 10 watts input? Maybe you need a cooling fan.

Just kidding of course.

Looking forward to chatting with you during the BK.

73, Dave

From: Doug Forbes <dougforbes@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 2, 2013 7:24 PM
Subject: [AWA Group] Thanks for the BK advice and here's what I built.

Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons http://sites.google.com/site/dougforbes1/home

8633. Fwd: [AWA Group] VE7SL... Serious QSLer

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-03 12:28:58 UTC
From: Eddy Swynar
Topic: 8633 Message: 8633
Attachments: 1 described; binary payloads are missing from this source WARC

Nice QSL cards, Steve!!!

~73~ de Eddy VE3CUI - VE3XZ

Begin forwarded message:

> From: Louis Vermond <ldvermond@...>
> Date: December 2, 2013 6:06:18 PM EST
> To: "AWAGroup" <AWAGroup@yahoogroups.com>
> Subject: [AWA Group] VE7SL... Serious QSLer
> Reply-To: AWAGroup@yahoogroups.com
>
>
> Tks Steve for the photos as well. 73, Lou
>
>
>
>

8634. Re: [AWA Group] Power into the Antenna...calculation

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-03 16:25:16 UTC
From: Bill Stewart
Topic: 8621 Message: 8634

Tnx Louis for your detailed explanation.
No doubt the imped of this ant. is far from what it would be at the proper height. This antenna was designed back in the late 1920s and uses a single wire feed line. The info says that if attached to the sweet spot, the swr will be low and the feed line length can be many feet long, w/o any losses (other than from resistance in the feed line). I have another one up that is cut for 80 mtrs and works well on 80 & 40. I will try some of your suggestions...tnx..73 de Bill K4JYS

----- Original Message -----

From: "Louis Poli (US SSA)" <louis.poli@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 2, 2013 6:22:28 PM
Subject: RE: [AWA Group] Power into the Antenna...calculation

Bill;
Some comments.
Let me invite the group to comment on my thoughts on this.

I don’t see an easy way out for this calculation; as there remain too many unknowns.

The antenna as you have noted, is high impedance.
So let that Z be 400 ohms.

The formula you quoted will work then.
The trouble is, that the 400 ohms will present itself, only, if the antenna is the proper height and proper length.

I am not familiar with the Windoms, but this proper height could be ¼ wavelength (this is proper for a dipole). Even then, the environment around it if it’s close enough, will change it again.

In general the, the closer to the ground you fly it (i.e. the farther you depart from ¼ wave height), the lower the impedance gets. Now this Z impedance must be Real (no reactive part), so a measurement by one of the Ham analyzers on the market while interesting; is one which will be composed of the real and reactive number parts, and cannot be used.
The bottom line is that it is very difficult to quote the Z of a real world antenna. So the calculation using the known current (you measured) is not helpful.

If you really want a calculation, then this might work.
1. Let me assume presently that the feed line is 50 ohm coax. If it isn’t and is open wire/twin lead, then we might still be able to do it. I wrote about that last.

2. Terminate the feed line in 50 ohms instead of with the antenna.
Now measure the current there.

3. We can reasonably assume now that if you have tuned your transmitter, and the coax is 50 ohms, and the load is 50 ohms; then the current you measure with the RF ammeter at the end of the line is correct. Now you can calculate the power delivered to the antenna.

4. If this is all you want, then you are done.
I don't know your circumstances but typically, power delivered to the antenna is not overly important.
If your feed-line is any good, and not too long, then most of it will get to the antenna.
What is important is how much of this power can the antenna radiate.
If the antenna is not 50 ohms, it gets increasingly bounced back to the transmitter.

5. To measure what the antenna takes. Do this.
Connect the antenna to the coax (no resistor). Tune the antenna with a match box or by trimming it, while measuring the current.
The current will go up to a max when the antenna accepts all the power it can.
The current you measure, will calculate into power that is taken be the antenna.

To do this accurately, you must be as close to the feed-point of the antenna as is possible.

6. If you simply feed the antenna directly (no resistor) and measure the current again, the current will go down (I think) as the antenna rejects some amount of the power it is fed.

Now let me say that I am not quite sure about if the current goes down.
A mismatch will change the readings (how much?) as the power goes both forward and backwards at the same time (standing waves, VSWR). Only at your best tuning, can the current be accurate.

7. Now if you are using 400 ohm twin lead or open wire. Do the same thing.
Use a 400 ohm resistor this time for the load, (no antenna) and tune the transmitter into the twin lead at its end.
The current measured at the load end of the line will be a maximum at the best tuning you can do at the transmitter.
Calculate the power with R = 400 ohms; and this is the power delivered to the antenna.

But here is the catch; you need to know the impedance of the twin lead. If it is near anything conductive, or the ground, it won't be 400 ohms anymore.
That is the good reason for coax.

If you want some experience. Create a 4 foot line to practice with on the table top.
Measure everything like the above. With a twin lead/open wire transmission line, keep everything a distance of at least four times the twin lead width.

You can't duplicate the antenna this way, but if you now place a variable capacitor or inductor in the line, just after the 400 ohm resistor, you can kind of mimic it.

Regards,
Louis N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Bill Stewart
Sent: Monday, December 02, 2013 4:34 PM
To: AWA Group

Subject: [AWA Group] Power into the Antenna

GA all,
I have been trying to get an estimate of the power delivered to the antenna from my Meissner osc. I am using a 160m off-ctr fed hertz (sgl wire feed connected off center & now known as the Windom). According to a Weston 425 rf amp meter (0-1A rf ammeter), in the feed line, I'm getting a whopping 50ma. As I understand it, this antenna is high imped...500-600 ohms. Is the proper way to figure this to use P=Isq(R). If so, I'm getting about 1.5w (using 600 ohms) into the antenna. Oh, the antenna is only about 25-30 ft high...almost a dummy load at 1.8mc. The tube is a C-301A and I am really knocking it about with 350vdc B+ at abt 20ma....so abt 7w input. The efficiency is dismal. So far this season, I have managed to work into VA with a 598C report. I have also received reports up into PA via the RBN.
Oh, a #47 lamp in place of the RFA just gets the tip of the lamp fil. glowing.

So far I have still had no success getting any power via a six turn coil coupled to the gnd end of the tank coil (with its variable cap). Would like to get this feature to work so I can use my inv. L (coax fed)....still diddling on that.
Tnx and 73 de Bill K4JYS

8635. Re: [AWA Group] VE7SL... Serious QSLer [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-03 16:52:49 UTC
From: Steve
Topic: 8633 Message: 8635

>Nice QSL cards, Steve!!!

Tnx Eddy....I love QSL's....They were one of the things that grabbed my 11 year old eyes and compelled me to want to learn more....hook, line and sinker...I was doomed very early :-(

Steve / 73

~73~ de Eddy VE3CUI - VE3XZ

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8636. Can u help my friend, Rob?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 02:02:30 UTC
From: Louis Vermond
Topic: 8636 Message: 8636

Tks Lou. I did antenna work in the fall and checked all connections but still have a weird SWR problem. Regardless of tuner used, reflected power is variable and all over the place and untunable. Having eliminated antenna issues (I think) and tuner issues, I suspect maybe xcvr but unsure why that could cause wonky SWR.

8637. Re: [AWA Group] Can u help my friend, Rob?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 02:11:24 UTC
From: Steve
Topic: 8636 Message: 8637

>Tks Lou. I did antenna work in the fall and checked all connections but
>still have a weird SWR problem. Regardless of tuner used, reflected power
>is variable and all over the place and untunable. Having eliminated antenna
>issues (I think) and tuner issues, I suspect maybe xcvr but unsure why that
>could cause wonky SWR.

I think we need more information....

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8638. RE: Antenna/SWR problems

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 04:51:58 UTC
From: Roger Kuchera
Topic: 8638 Message: 8638

Hello Bob,

Sorry to hear of your SWR problems. Might I suggest the following possibilities:

1. Carefully check all your grounds.
2. Make sure that your grounds are as short as possible.
3. If you have any grounds that are long, make sure they are not 1/4 wavelength.
4. Try and use separate ground leads from each piece of gear and the tuner to your ground point. Don't "Daisy Chain" your grounds.

I don't know if that is any help to you. Good luck.

CUL, Roger/K1TG

8639. Test message:

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 11:45:24 UTC
From: <N3IBX@...>
Topic: 8639 Message: 8639

This is just a test. If it were a real message it would have some intelligent content.

Thanks for the bandwidth,
Joe Cro N3IBX

8640. RE: Antenna/SWR problems

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 13:16:28 UTC
From: <dulmagedon@...>
Topic: 8638 Message: 8640

I am in the throws of a similar problem. I moved my TNT upstairs and am unable to raise a contact on my inverted VEE. I am going to move it all back down stairs and on the longwire , today. Tis on freq , decent power, Can be very frustrating. Make sure you tell us the whole deal as I for one am very interested and will probably benefit from your solutions
Don

8641. Does 10% efficiency for a 211 Hartley sound right ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 16:48:12 UTC
From: Doug Forbes
Topic: 8529 Message: 8641

OK Guys,

I have checked everything I know how to check and I can only get about 10% efficiency out of my 211 Hartley.

I replaced the 211, thinking it may be drawing more current than normal, with a 10 and either way, with 400 volts and 100 mils I get 4 watts into 50 ohms out. I have measured the 4 watts with a wattmeter as well as an oscilloscope and 4 watts is it.

Any ideas ?

Thanks

Doug

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http://sites.google.com/site/dougforbes1/home

8642. Radio News Mags. 1919-1950s

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 16:56:14 UTC
From: Bill Stewart
Topic: 8642 Message: 8642

The old Radio News magazines are now posted on line.
This link was posted on the Milsurplus list:
http://americanradiohistory.com/Radio_News_Master_Page_Guide.htm
Good reading.
73 de Bill K4JYS

8643. Radio News Magazines!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 16:57:35 UTC
From: Steve
Topic: 8638 Message: 8643

Just got this on the Boatanchors reflector.....enough reading to keep one busy for years!! Lots of homebrew projects for amateur radio as well.

****

The old Radio News magazines are now posted on line. They go from 1919 through the 1950s. I just started looking and they are truly fascinating. I figured you guys would enjoy this.

http://americanradiohistory.com/Radio_News_Master_Page_Guide.htm

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8644. RE: [AWA Group] Does 10% efficiency for a 211 Hartley sound right ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 17:42:00 UTC
From: Mike Feher
Topic: 8529 Message: 8644

Doug -

Do you have a schematic and a photo that you can share? 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Doug Forbes
Sent: Wednesday, December 04, 2013 11:48 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Does 10% efficiency for a 211 Hartley sound right ?

OK Guys,

I have checked everything I know how to check and I can only get about 10% efficiency out of my 211 Hartley.

I replaced the 211, thinking it may be drawing more current than normal, with a 10 and either way, with 400 volts and 100 mils I get 4 watts into 50 ohms out. I have measured the 4 watts with a wattmeter as well as an oscilloscope and 4 watts is it.

Any ideas ?

Thanks

Doug

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http://sites.google.com/site/dougforbes1/home

8645. Re: [AWA Group] Does 10% efficiency for a 211 Hartley sound right ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 18:00:05 UTC
From: Ron Barlow
Topic: 8529 Message: 8645

Hi Doug,
 Non-optimal coupling to the antenna/load, excessive tank circuit losses (including an excessively low L/C ratio), and improper grid bias, are some of the possibilities, that come to mind.
GL & 73 de Ron n4gjv

From: Doug Forbes <dougforbes@dslextreme.com>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 4, 2013 11:48 AM
Subject: [AWA Group] Does 10% efficiency for a 211 Hartley sound right ?

OK Guys,

I have checked everything I know how to check and I can only get about 10% efficiency out of my 211 Hartley.

I replaced the 211, thinking it may be drawing more current than normal, with a 10 and either way, with 400 volts and 100 mils I get 4 watts into 50 ohms out. I have measured the 4 watts with a wattmeter as well as an oscilloscope and 4 watts is it.

Any ideas ?

Thanks

Doug

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Professor (Ret.) / Department Chair
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College of the Canyons http://sites.google.com/site/dougforbes1/home

8646. Re: [AWA Group] Does 10% efficiency for a 211 Hartley sound right ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 18:08:41 UTC
From: Steve
Topic: 8529 Message: 8646

Doug - how are you coupling into the tank? What happens when you adjust the grid tap? You should be in the ~40% efficiency range at minimum.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8647. Re: [AWA Group] Does 10% efficiency for a 211 Hartley sound right ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 18:42:37 UTC
From: Doug Forbes
Topic: 8529 Message: 8647

Gentlemen,

Thanks so much for the replies,

I think I solved some of the mystery. What I neglected to mention was
that the measurements were on 40 meters. I substituted the 80 meter coil
and am up to 43% efficiency. So the question now is : is there any way
to improve 40 meters ?

Mike, the schematic is the same as for the Hull Hartley.
http://members.shaw.ca/ve7sl/hartley.html
with the exception of a center-tapped filament transformer instead of
the resistors.

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http://sites.google.com/site/dougforbes1/home

On 12/4/2013 10:08 AM, Steve wrote:
> Doug - how are you coupling into the tank? What happens when you adjust the
> grid tap? You should be in the ~40% efficiency range at minimum.
>
> Steve
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
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> Yahoo Groups Links
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8648. RE: [AWA Group] Does 10% efficiency for a 211 Hartley sound right ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 19:02:23 UTC
From: Mike Feher
Topic: 8529 Message: 8648

Doug –

I wonder if possibly your RFC has a too low of a self-resonance to be a problem at 40. Does your RFC get hot on 40? That other power has to go someplace, unless the plate of the tube is glowing red, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Doug Forbes
Sent: Wednesday, December 04, 2013 1:43 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Does 10% efficiency for a 211 Hartley sound right ?

Gentlemen,

Thanks so much for the replies,

I think I solved some of the mystery. What I neglected to mention was that the measurements were on 40 meters. I substituted the 80 meter coil and am up to 43% efficiency. So the question now is : is there any way to improve 40 meters ?

Mike, the schematic is the same as for the Hull Hartley.
http://members.shaw.ca/ve7sl/hartley.html
with the exception of a center-tapped filament transformer instead of the resistors.

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On 12/4/2013 10:08 AM, Steve wrote:

Doug - how are you coupling into the tank? What happens when you adjust the grid tap? You should be in the ~40% efficiency range at minimum.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

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Yahoo Groups Links

8649. VE3AWA and Loop AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-04 22:51:27 UTC
From: Louis Vermond
Topic: 8649 Message: 8649
Attachments: 1 described; binary payloads are missing from this source WARC

Don, it works!

While listening in on my KW R-600 up stairs my wife spoke into the mic. Fidelity was surprisingly good. Definitely her voice and could understand most of what she was saying. Nancy's now talking about getting her ticket.

Hoping to arrange a SKED tonight.with Seabringville Jim 15 miles north. Tks agn Don.

8650. Tesla

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 01:25:07 UTC
From: <ritareo@...>
Topic: 8650 Message: 8650

http://www.myoldradio.com/old-radio-episodes/long-john-rebiel-ep-1-7/2
http://www.myoldradio.com/old-radio-episodes/long-john-rebiel-ep-1-7/2
This is a link to a "Long John Nebel" radio program where Tesla is discussed.
It was aired on WOR I would guess late 50's or early 60's. It was an early all night discussion program which I used to listen to faithfully as I had the 3-11 pm work schedule.

8651. RE: VE3AWA and Loop AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 04:39:04 UTC
From: <dulmagedon@...>
Topic: 8649 Message: 8651

Wonderful!
I have mine on AM with my cathode modulator. I just wish I could see the pics that are attached. And the loop Am thingy. That mic was pretty sensitive when I tested it .I have another identical to it I often use.
Don

8652. Play Things of Past for Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 13:01:33 UTC
From: Bill Stewart
Topic: 8652 Message: 8652

This sad news was posted on the ARC-5 list....sure hope someone will keep this great parts source going...Bill K4JYS

"Playthings of the Past is up for sale. The owner, Gary Schneider, wants to retire. He posted the notice to his web site on November 29 .

Someone who has about 8000-plus square feet of storage space could take over the business. Gary has one of the largest inventories of vintage parts that I know of.

No idea when he will stop accepting orders; but my advice would be to grab 'n growl while the gittin's good.

73
Mike
W4DSE"

8653. RE: VE3AWA and Loop AM

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 14:09:32 UTC
From: <dulmagedon@...>
Topic: 8649 Message: 8653

BTW Lou, if you want to try 100 mi east on AM I am good on 40 (Hartley) 80 (Dx60B with hb 811A linear) or also an ARC5 and am good on 160m with another ARC5 .
Don

8654. Re: [AWA Group] Play Things of Past for Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 17:21:35 UTC
From: Leonard Meek
Topic: 8652 Message: 8654

Real sorry to see Gary go. I've gotten lots of cool stuff from him. I've also gotten lots of cool stuff from Dan's Small Parts. I would love to jump on some bargains, but at my age it's time to start thinking of (ugh!) divesting.

Leonard

----- Original Message -----
From: Bill Stewart
To: AWA Group
Sent: Thursday, December 05, 2013 3:01 AM
Subject: [AWA Group] Play Things of Past for Sale

This sad news was posted on the ARC-5 list....sure hope someone will keep this great

parts source going...Bill K4JYS

"Playthings of the Past is up for sale. The owner, Gary Schneider, wants to retire. He posted the notice to his web site on November 29.

Someone who has about 8000-plus square feet of storage space could take over the business. Gary has one of the largest inventories of vintage parts that I know of.

No idea when he will stop accepting orders; but my advice would be to grab 'n growl while the gittin's good.

73
Mike
W4DSE"

8655. Re: [AWA Group] Play Things of Past for Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 17:38:25 UTC
From: Bill Stewart
Topic: 8652 Message: 8655

Leonard, I'm abt in the same boat as you. I either need to get rid of
parts or get busy building. But sometimes it's just easier to order
a few parts than go thru the junk box...hi.
Bill

----- Original Message -----

From: "Leonard Meek" <lemeek@...>
To: AWAGroup@yahoogroups.com
Sent: Thursday, December 5, 2013 12:21:35 PM
Subject: Re: [AWA Group] Play Things of Past for Sale

Real sorry to see Gary go. I've gotten lots of cool stuff from him. I've also gotten lots of cool stuff from Dan's Small Parts. I would love to jump on some bargains, but at my age it's time to start thinking of (ugh!) divesting.

Leonard

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To: AWA Group
Sent: Thursday, December 05, 2013 3:01 AM
Subject: [AWA Group] Play Things of Past for Sale

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No idea when he will stop accepting orders; but my advice would be to grab 'n growl while the gittin's good.

73
Mike
W4DSE"

8656. Re: [AWA Group] Play Things of Past for Sale

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 19:21:12 UTC
From: Leonard Meek
Topic: 8652 Message: 8656

I agree, Bill. I try to keep an inventory off every tube and semiconductor I have, but it always seems I don't have the right one for the project I'm working on. I've been fixing my Tek 422. Turned out to have a bad 8056 nuvistor. I needed a small scope so I hit the internet for nuvistors. Found one in Canada for $36. The scope needs some calibration, but it works good enough now that I can get back to building regens. All my test equipment is getting old and breaking down. I hate to spend time repairing rather than building.

Leonard

----- Original Message -----
From: Bill Stewart
To: AWAGroup@yahoogroups.com
Sent: Thursday, December 05, 2013 7:38 AM
Subject: Re: [AWA Group] Play Things of Past for Sale

Leonard, I'm abt in the same boat as you. I either need to get rid of

parts or get busy building. But sometimes it's just easier to order

a few parts than go thru the junk box...hi.

Bill

From: "Leonard Meek" <lemeek@hawaiiantel.net>
To: AWAGroup@yahoogroups.com
Sent: Thursday, December 5, 2013 12:21:35 PM
Subject: Re: [AWA Group] Play Things of Past for Sale

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Leonard

----- Original Message -----
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To: AWA Group
Sent: Thursday, December 05, 2013 3:01 AM
Subject: [AWA Group] Play Things of Past for Sale

This sad news was posted on the ARC-5 list....sure hope someone will keep this great

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No idea when he will stop accepting orders; but my advice would be to grab 'n growl while the gittin's good.

73
Mike
W4DSE"

8657. Look what you made me do ! Loop Modulation

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 21:25:42 UTC
From: <dulmagedon@...>
Topic: 8657 Message: 8657

It drove me nuts that I couldn't see the attachments. What was this deal modulating by a loop. I had never heard of it. I found some references in the 20s to it and saw the word absorb. AH HA! So I tried it Figuring that the carbon mic connected to a loop in the RF circuit could be used to vary the amount of RF absorbed by the said loop I wound and taped three turns of hook up wire and bared and twisted the ends. I stuffed it in the north end of the antenna link and clip leaded it to a carbon mic out front. It actually worked. Is this how yours is Lou? It wasn't great audio and the carbon mic packed after a minute or so (quickly fixed my a gentle tap with a screwdriver handle) Audio is not as good as the cathode modulator at least at this stage but power out is higher by quite a bit (as I didn't add extra voltage to cover the cathode modulators tube needs.) Still it is very interesting. Might be fun to play with finding the ideal spot to place the loop and ad a pot (like a old heater control reo) to limit the current and there for packing of the carbon mic. I put the loop in the antenna link so it wouldn't change freq etc. So thinking back to the 1920s it would have seemed like a miracle to use it back then . so BK night, SK night when is AM night?
Don

8658. RE: Look what you made me do ! Loop Modulation

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 21:34:30 UTC
From: <dulmagedon@...>
Topic: 8657 Message: 8658

Before I ad a hreo I am going to try a flashlight bulb in series with the C mic for a current limiting and modulation indicator. Might work , Might not. We will see.
Don

8659. RE: Look what you made me do ! Loop Modulation

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 22:03:38 UTC
From: <dulmagedon@...>
Topic: 8657 Message: 8659

worked like a dream
Don

8660. Loop Modulation...drove me nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 22:20:20 UTC
From: Louis Vermond
Topic: 8660 Message: 8660

Don,

Looks like the AWA AM Contest will be a fight between you and me.

To see REL photos go to Group photo section at:
http://groups.yahoo.com/neo/groups/AWAGroup/photos/albums/1456584310

Did not hook-up with 3BHK last night. Jim, you there?

Don, our making contact with loopers is about a likely as finding a REL 175 kit NIB at a garage sale.

73, Lou

8661. Re: [AWA Group] Loop Modulation...drove me nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-05 23:45:17 UTC
From: Jim Robson
Topic: 8660 Message: 8661

Sorry Louis--I am now. Would you like to try tonight? Jim.

On 05/12/13 5:20 PM, Louis Vermond wrote:
>
> ☐
>
> Don,
> Looks like the AWA AM Contest will be a fight between you and me.
> To see REL photos go to Group photo section at:
> http://groups.yahoo.com/neo/groups/AWAGroup/photos/albums/1456584310
> Did not hook-up with 3BHK last night. *Jim, you there?*
> Don, our making contact with loopers is about a likely as finding a
> REL 175 kit NIB at a garage sale.
> 73, Lou
>

8662. BK QRV

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 00:08:23 UTC
From: Steve
Topic: 8638 Message: 8662
Attachments: 1 described; binary payloads are missing from this source WARC

My recently refurbished anti-wind (yeh, right) quarter-wave wire verticals for 80 and 40m ready to go. Hull Hartley is locked and loaded. Hopefully the wind will stay calm or non-existent as we are into a cold snap here... -8 tonight and well into next week.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8663. RE: [AWA Group] BK QRV [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 00:12:38 UTC
From: barry whittemore
Topic: 8638 Message: 8663

Steve,
any idea why the pic of my Hartley is not showing up on your website? it was before but is blank now.
Barry
NF1O
if you need a new pic i can send one. hope to work you this year.
barry
NF1O

To: AWAGroup@yahoogroups.com
From: ve7sl@...
Date: Thu, 5 Dec 2013 16:08:23 -0800
Subject: [AWA Group] BK QRV [1 Attachment]

My recently refurbished anti-wind (yeh, right) quarter-wave wire verticals

for 80 and 40m ready to go. Hull Hartley is locked and loaded. Hopefully the

wind will stay calm or non-existent as we are into a cold snap here... -8

tonight and well into next week.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8664. Re: [AWA Group] BK QRV

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 00:33:35 UTC
From: Steve
Topic: 8638 Message: 8664

let me check Barry...

Steve,
any idea why the pic of my Hartley is not showing up on your website? it was before but is blank now.
Barry
NF1O
if you need a new pic i can send one. hope to work you this year.
barry
NF1O

To: AWAGroup@yahoogroups.com
From: ve7sl@...
Date: Thu, 5 Dec 2013 16:08:23 -0800
Subject: [AWA Group] BK QRV [1 Attachment]

My recently refurbished anti-wind (yeh, right) quarter-wave wire verticals

for 80 and 40m ready to go. Hull Hartley is locked and loaded. Hopefully the

wind will stay calm or non-existent as we are into a cold snap here... -8

tonight and well into next week.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8665. Re: [AWA Group] BK QRV

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 01:05:16 UTC
From: Steve
Topic: 8638 Message: 8665

Barry - I think I've found the problem and uploaded the fix but the isp system is sometimes slow to update new script...I'll keep an eye out for it but it should be OK shortly.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8666. VE3AWA Loop Modulation Audio Report de VE3BHK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 01:09:32 UTC
From: Louis Vermond
Topic: 8666 Message: 8666

"I could tell there was something going on in the carrier." It's a start.

8667. Re: [AWA Group] VE3AWA Loop Modulation Audio Report de VE3BHK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 01:23:48 UTC
From: Steve
Topic: 8666 Message: 8667
Attachments: 1 described; binary payloads are missing from this source WARC

>"I could tell there was something going on in the carrier." It's a start.

Obviously you're not yelling loud enough..

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8668. Re: [AWA Group] VE3AWA Loop Modulation Audio Report de VE3BHK [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 02:10:20 UTC
From: Louis Vermond
Topic: 8668 Message: 8668
Attachments: 1 described; binary payloads are missing from this source WARC

Obviously you're not yelling loud enough..

Would these more successful?

8669. RE: Loop Modulation...drove me nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 02:41:27 UTC
From: <dulmagedon@...>
Topic: 8660 Message: 8669

Oh but I am an optimist.
Don

8670. Re: [AWA Group] VE3AWA Loop Modulation Audio Report de VE3BHK [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 03:27:08 UTC
From: <dulmagedon@...>
Topic: 8668 Message: 8670

First Lou Thanks for posting the photos. What a beautiful radio!
Your loop is outside. I stuck mine in but works the same. Things I found out so far. If hte current a voltage are high in the loop and mine appear to be the carbon mic will pack (granules get sticky from the heat. A gentle tap with a screwdriver handle will restore function instantly. So I wondered how can I stop this and as I mentioned I put a light bulb in series with the carbon mic. I couldn't find a holder for a flashlight bulb at that moement bt did have a red 12 indicator light assembly from The Source so I stuck it in series just to test the basic idea and warmed up the 45 . When I put the key down the light came on fairly bright and then faded slightly. When I spoke I could see it flickering and the mic did not "pack" or loose sensitivity like before. In fact in the monitor rx it sounded clearer and more "definite" I ran out of time at that point as the XYL had a meeting to go to and I was meeting the other fellows whose wives were also there at Swiss Chalet . I am back home now and will test further before I turn in.
That is an incredibly interesting concept , loop modulation. Thank you for introducing me to it. What distance do you think is practical for our loopers , say like my 45 TNT or an equivalent Hartley. 15 miles , 50 miles, 300 miles ? I am talking about 40M . And for curiosity what band is your looper on? Like could we contact on Cw and then try it? I think on CW the loop must be open for good power as it does affect it some for sure .I will wire my loop in with the lamp and a non shorting jack so the circuit is open when mic is unplugged. I tested with an identical mic to your BTW. I realize yours is a classic and you may not want to add a lamp etc. Understandable. Wonderful find that radio! WOW! I am going downstairs now to test a bit on or as near possible 7075 should anyone see this note.
Don

---In AWAGroup@yahoogroups.com, <ldvermond@...> wrote:

Obviously you're not yelling loud enough..

Would these more successful?

8671. RE: [AWA Group] VE3AWA Loop Modulation Audio Report de VE3BHK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 04:10:17 UTC
From: Mike Feher
Topic: 8668 Message: 8671

Remember – by the 20’s transformers were not at all uncommon in transmitters. So, modulating the plate through a transformer, with a 1 ½ volt battery in series with the carbon mike on the other winding would also be a viable option. I just received an eBay purchase which is a 1921 transmitter/oscillator. It has buzzers in it, transformer coupled, so it can transmit MCW. Also remember that back then, most simple receivers were detectors only and could not adequately copy CW as they were intended for spark. Sometimes choppers were used at the receiver end. This transmitter also has a provision to bypass the buzzers and use a carbon mike. Here is the link - http://www.ebay.com/itm/271326065151 . The coil on the side is not connected to anything. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Thursday, December 05, 2013 10:27 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] VE3AWA Loop Modulation Audio Report de VE3BHK

First Lou Thanks for posting the photos. What a beautiful radio!

Your loop is outside. I stuck mine in but works the same. Things I found out so far. If hte current a voltage are high in the loop and mine appear to be the carbon mic will pack (granules get sticky from the heat. A gentle tap with a screwdriver handle will restore function instantly. So I wondered how can I stop this and as I mentioned I put a light bulb in series with the carbon mic. I couldn't find a holder for a flashlight bulb at that moement bt did have a red 12 indicator light assembly from The Source so I stuck it in series just to test the basic idea and warmed up the 45 . When I put the key down the light came on fairly bright and then faded slightly. When I spoke I could see it flickering and the mic did not "pack" or loose sensitivity like before. In fact in the monitor rx it sounded clearer and more "definite" I ran out of time at that point as the XYL had a meeting to go to and I was meeting the other fellows whose wives were also there at Swiss Chalet . I am back home now and will test further before I turn in.

That is an incredibly interesting concept , loop modulation. Thank you for introducing me to it. What distance do you think is practical for our loopers , say like my 45 TNT or an equivalent Hartley. 15 miles , 50 miles, 300 miles ? I am talking about 40M . And for curiosity what band is your looper on? Like could we contact on Cw and then try it? I think on CW the loop must be open for good power as it does affect it some for sure .I will wire my loop in with the lamp and a non shorting jack so the circuit is open when mic is unplugged. I tested with an identical mic to your BTW. I realize yours is a classic and you may not want to add a lamp etc. Understandable. Wonderful find that radio! WOW! I am going

downstairs now to test a bit on or as near possible 7075 should anyone see this note.

Don

---In AWAGroup@yahoogroups.com, <ldvermond@...> wrote:

Obviously you're not yelling loud enough..

Would these more successful?

8672. RE: [AWA Group] VE3AWA Loop Modulation Audio Report de VE3BHK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 04:48:54 UTC
From: <dulmagedon@...>
Topic: 8668 Message: 8672

Interesting. I did a lot of experimenting with cathode modulation both with and without a transformer. And I tried it on the B+ side as well although it takes almost a whole other radio to modulate a plate . Anyway I just came up from a bit more testing. After seeing Lou's photos I decided to try it with a coil or loop near the main coil .I removed my 3 turn deal from the antenna coil .I had in this TNT an indictor lamp loop at the south end of the main coil. It was made from 1/8 coppertubing and had a small lamp base for a screw in 52 bulb. I removed the bulb and clipped my clip leads to either side of the loop. I was using the same mic and no lamp in series. An instant and large improvement and contrary to what I thought it did not bother the freq . I have a #3 handmike , an ex WWII unit I got in a deal . I hooked it up instead of the small carbon mic like I sent Lou. Even better. Actually had some audio dynamics. Called CQ AM few times... Sounded pretty good. SO Lou if someone will send you a larger military style carbon mic I think you will be there and wont need to holler. How well this extremely simple deal works is incredible. No it isn't perfect and you arent going to pass "the audio police's" muster from the AM guys but to be able to send voice that sounds that good with something so simple is nothing short of incredible. Going to be hard to sleep for thinking about it.
Don

8673. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 11:10:27 UTC
From: Louis Vermond
Topic: 130 Message: 8673
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.ebay.com/itm/THIS-IS-A-VERY-EARLY-RADIO-SPARK-GAP-BY-ELECTRO-IMPORTING-CO/271336710842?_trksid=p2047675.m2109&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D1%26asc%3D142%26meid%3D3204609735129024219%26pid%3D100010%26prg%3D1076%26rk%3D2%26rkt%3D15%26sd%3D251393751306%26#ht_21wt_1105

8674. RE: [AWA Group] BK QRV

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 11:15:02 UTC
From: barry whittemore
Topic: 8638 Message: 8674

thanks, looks good now.
barry

> To: AWAGroup@yahoogroups.com
> From: ve7sl@...
> Date: Thu, 5 Dec 2013 17:05:16 -0800
> Subject: Re: [AWA Group] BK QRV
>
> Barry - I think I've found the problem and uploaded the fix but the isp
> system is sometimes slow to update new script...I'll keep an eye out for it
> but it should be OK shortly.
>
> Steve
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
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>
> Yahoo Groups Links
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8675. Re: [AWA Group] VE3AWA Loop Modulation Audio Report de VE3BHK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 11:43:53 UTC
From: Louis Vermond
Topic: 8666 Message: 8675
Attachments: 1 described; binary payloads are missing from this source WARC

Thank you, Mike. No end of interesting things to try out.

I just received an eBay purchase which is a 1921 transmitter/oscillator.

Note keying method...

8676. 10% Hartley efficiency improved

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 15:16:01 UTC
From: Doug Forbes
Topic: 8638 Message: 8676

Gentlemen,

It turns out that to resonate the 720 nF, 40 Meter coil to 7 Mhz
requires 700 pF which results in 32 Ohms of reactance. Pretty low I thought.

So I substituted the 80 Meter coil, 3.747 mH, and set the cap to about
130 pF. The efficiency shot way up to about 40%. The reactance at thus
point is 167 Ohms which may explain the 10% efficiency with the 32 Ohms
of the other setup.

What do you think ?

Doug Forbes WA6VYN

8677. Re: VE3AWA Loop Modulation Audio Report de VE3BHK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 16:31:44 UTC
From: <N3IBX@...>
Topic: 8666 Message: 8677

Lou,
I have that other single button carbonium microphonium for you if need be. it’s pretty robust and would look and sound good with your rig.

Viva La Absorption Modulation. It’s the bees knees!

Joe Cro N3IBX

8678. Re: [AWA Group] Re: VE3AWA Loop Modulation Audio Report de VE3BHK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 16:34:57 UTC
From: Eddy Swynar
Topic: 8666 Message: 8678

On 2013-12-06, at 11:31 AM, <N3IBX@...> wrote:

>
> Lou,
> I have that other single button carbonium microphonium for you if need be. it’s pretty robust and would look and sound good with your rig.
>
> Viva La Absorption Modulation. It’s the bees knees!
>
> Joe Cro N3IBX
>
> __.
>

Hi Lou,

Did you mention whether or not you tried an ordinary "F-1" style carbon mic from an old-fahioned pre-made-in-China telephone...?

~73~ de Eddy VE3CUI - VE3XZ

8679. RE: 10% Hartley efficiency improved

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 16:38:04 UTC
From: <dougforbes@...>
Topic: 8638 Message: 8679

```
That's 3.747 uH
```

8680. Re: [AWA Group] 10% Hartley efficiency improved

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 17:45:50 UTC
From: Steve
Topic: 8638 Message: 8680

Doug....I've built the standard 40m tank coil for the Hull Hartley and it resonates on 40m nicely with high C which would be about 450pf and the efficiency as I recall is about the same as on 80m. Over the past two BK's I've gotten lazy and when switching from 80 to 40, I just use the 80m tank and open-up the capacitor..efficiency seems as good if not even better with this arrangement....who'd a thought?

I can't see the 700pf L-C as being your main low efficiency problem on 40m and more likely something associated with the tap position or antenna loading. When using the 80m tank on 40, I need to tap up one more full turn. On both 40 and 80m I find the 500pf Cardwell antenna loading cap requires some additional C to find the peak output point and always clip an extra 500pf Cardwell across this tank cap to tweak the loading...this makes a big difference as the output soars several watts when resonated.

BTW...have you got a suitable picture of your new TX that I can use for the '29 TX display page or shall I use the one you posted earlier?

Steve

> Gentlemen,
>
> It turns out that to resonate the 720 nF, 40 Meter coil to 7 Mhz
> requires 700 pF which results in 32 Ohms of reactance. Pretty low I
> thought.
>
> So I substituted the 80 Meter coil, 3.747 mH, and set the cap to about
> 130 pF. The efficiency shot way up to about 40%. The reactance at thus
> point is 167 Ohms which may explain the 10% efficiency with the 32 Ohms
> of the other setup.
>
> What do you think ?
>
>
> Doug Forbes WA6VYN
>
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8681. Re: [AWA Group] Loop Modulation...drove me nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 17:58:45 UTC
From: Larry Szendrei
Topic: 8660 Message: 8681

On 12/5/13 5:20 PM, Louis Vermond wrote:
>
> Don, our making contact with loopers is about a likely as finding a
> REL 175 kit NIB at a garage sale.
> 73, Lou
>
>
>
>
>
>
>
I don't get the referral to loop modulation. From the discussion and photos it looks to me like you guys are just putting a carbon mike in the cathode circuit, which provides a crude form of cathode modulation. Loop modulation, in my understanding, is something totally different.

I think for a successful on-the-air test at least one of the stations needs to be running something with higher power, and higher modulation density (i.e., something a bit more conventional). Once contact is established, then try to go to the esoteric stuff. I'd be happy to listen for either of you in a pre-aranged sked.

73,
-Larry/NE1S

8682. BK Winds

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 18:00:14 UTC
From: Steve
Topic: 8638 Message: 8682
Attachments: 1 described; binary payloads are missing from this source WARC

Well just like clockwork every year at BK time...here comes the wind.
Blowing steady at 50k all night and forecast to coninue all weekend.

I'll give the vertical wires and extra tight yanking but please be prepared
for an exceptionally 29-sounding musical signal if this keeps up.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8683. RE: [AWA Group] BK Winds [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 18:31:08 UTC
From: Mike Feher
Topic: 8638 Message: 8683

Regardless - a beautiful view Steve. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Steve
Sent: Friday, December 06, 2013 1:00 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] BK Winds [1 Attachment]

Well just like clockwork every year at BK time...here comes the wind.
Blowing steady at 50k all night and forecast to coninue all weekend.

I'll give the vertical wires and extra tight yanking but please be prepared for an exceptionally 29-sounding musical signal if this keeps up.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8684. Re: [AWA Group] Look what you made me do ! Loop Modulation

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 18:36:32 UTC
From: Larry Szendrei
Topic: 8657 Message: 8684

On 12/5/13 4:25 PM, dulmagedon@... wrote:
>
> It drove me nuts that I couldn't see the attachments. What was this
> deal modulating by a loop. I had never heard of it. I found some
> references in the 20s to it and saw the word absorb. AH HA! So I
> tried it Figuring that the carbon mic connected to a loop in the RF
> circuit could be used to vary the amount of RF absorbed by the said
> loop I wound and taped three turns of hook up wire and bared and
> twisted the ends. I stuffed it in the north end of the antenna link
> and clip leaded it to a carbon mic out front. It actually worked. Is
> this how yours is Lou? It wasn't great audio and the carbon mic packed
> after a minute or so (quickly fixed my a gentle tap with a screwdriver
> handle) Audio is not as good as the cathode modulator at least at this
> stage but power out is higher by quite a bit (as I didn't add extra
> voltage to cover the cathode modulators tube needs.) Still it is very
> interesting. Might be fun to play with finding the ideal spot to place
> the loop and ad a pot (like a old heater control reo) to limit the
> current and there for packing of the carbon mic. I put the loop in the
> antenna link so it wouldn't change freq etc. So thinking back to the
> 1920s it would have seemed like a miracle to use it back then . so BK
> night, SK night when is AM night?
>
> Don
>
> _
Ahhh, OK, I hadn't seen Don's post before I had responded earlier - for
some reason Don's posts, as well as a bunch of others, are being caught
in my SPAM folder.

Don is indeed experimenting with loop modulation.

"AM night" will be the AWA AM QSO Party, Sat Feb 08 2014 2300Z through
Sunday Feb. 09 2014 2300Z. There is also another event in Feb. called
the "AM Transmitter Rally," but I don't have the date yet.

73,
-Larry/NE1S

8685. Re: [AWA Group] Loop Modulation...drove me nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 19:20:16 UTC
From: <dulmagedon@...>
Topic: 8660 Message: 8685

Not the cathode circuit Larry. The loop ism post tube out in the tank ciol. It is a single loop ner the main coil terminated both ends to the carbon mike . The loop picks up RF just the same as an RLF lamp does (which I install in all my rigs anyway) The carbon mike becomes the load say for instance in stead of a 47 lamp bulb. because the carbon mic resistance varies with your voice the the load placed on the tank varies as well faithfully modulating the signal or amplitude by subtracting from it. I hadn't seen the pics of Lous since they would comethru here as attachments so I was curious an spent q day looking and reading. I found a veiled reference to a loop modulating by absorbtion and I knew what to do instantly. The method is used in some regens to subtract RF although a pot is used. It is a completley passive method and has no actual connection to the radio(in either case) AI did it first in the antenna circuit , the output ink and it worked instantly. No fooling , no almost just instant success. I tried several things to improve it. I thought that if I did it in the tank or osc circuit it might FM but when I finally sw the pics of Lou's treasure I decided to try it. It worked even better and there was no perceptible freq wobble problem. Then I started playing with mics and found there was a large difference there as well. Bottom line being bigger is probably better. (disipates any excess heat)
The only reference I found was 1924 so it is a lost technology I believe. I was quite frankly stunned at how easy it was to implement and how well it worked. no it is not broadcast quality. HLR would probably not approve but it is extremely practical. I just got home and I am testing mine on or about 7120 .
I am also in a few minutes going to try it on my Bare essentials rig since the RF indicator loop is already there so I need only remove the bulb and clip on a carbon mic to try it.
Don.

8686. RE: [AWA Group] Loop Modulation...drove me nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 19:51:00 UTC
From: Mike Feher
Topic: 8660 Message: 8686

Don –

Loop modulation was even around in the teens. Biggest problem, besides the heating of the carbon granules, was getting RF burns when one’s lips happened to touch the mike, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Friday, December 06, 2013 2:20 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Loop Modulation...drove me nuts

Not the cathode circuit Larry. The loop ism post tube out in the tank ciol. It is a single loop ner the main coil terminated both ends to the carbon mike . The loop picks up RF just the same as an RLF lamp does (which I install in all my rigs anyway) The carbon mike becomes the load say for instance in stead of a 47 lamp bulb. because the carbon mic resistance varies with your voice the the load placed on the tank varies as well faithfully modulating the signal or amplitude by subtracting from it. I hadn't seen the pics of Lous since they would comethru here as attachments so I was curious an spent q day looking and reading. I found a veiled reference to a loop modulating by absorbtion and I knew what to do instantly. The method is used in some regens to subtract RF although a pot is used. It is a completley passive method and has no actual connection to the radio(in either case) AI did it first in the antenna circuit , the output ink and it worked instantly. No fooling , no almost just instant success. I tried several things to improve it. I thought that if I did it in the tank or osc circuit it might FM but when I finally sw the pics of Lou's treasure I decided to try it. It worked even better and there was no perceptible freq wobble problem. Then I started playing with mics and found there was a large difference there as well. Bottom line being bigger is probably better. (disipates any excess heat)

The only reference I found was 1924 so it is a lost technology I believe. I was quite frankly stunned at how easy it was to implement and how well it worked. no it is not broadcast quality. HLR would probably not approve but it is extremely practical. I just got home and I am testing mine on or about 7120 .

I am also in a few minutes going to try it on my Bare essentials rig since the RF indicator loop is already there so I need only remove the bulb and clip on a carbon mic to try it.

Don.

8687. Re: [AWA Group] BK Winds

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 20:00:47 UTC
From: Steve
Topic: 8638 Message: 8687

> Regardless - a beautiful view Steve. 73 - Mike

It is Mike...in spite of the wind's ill-effects on my BK operations, it is my favorite time of the year here on the island. Those breaking waves can get much much higher at times. No sooner had I sent this, the power went out...usually from a tree going over a powerline here or on the next island where the feeder comes from. Luckily there was already a Hydro crew on the island doing maintenance and we are back on the grid rather quickly. Often these outages go on for more than a day or two and I had visions of being shut out of the BK....still not out of the woods yet though as the blasts continue. Keeping my fingers crossed.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8688. Re: BK winds

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 20:10:25 UTC
From: Steve
Topic: 8688 Message: 8688

> Hi Steve: Do you know what time and frequency you will be on? I'd like to
> listen for you.
>
> --
>
> 73,
> Dan - W7OIL
>

Dan...I usually spark-up at around 1600 local on 40m...between 7.100 and 7.125 and then head to 80m about an hour or two later. Last year, the eastern 40m guys hung-in a lot longer than usual which was just wonderful as in previous years, 40m seems to get abandoned well before its prime E-W propagation.

I think the temptation to move early to 80m was because it has always been the 'meat and potatoes' band for BK activity but with the new watering-hole QRG on 40m, the activity has really picked up....hopefully even more on 40m this year as signals can be really excellent albeit a little more '29-sounding.

Now that we have established a 160m following, dare I suggest we try 20m next ;-)) Now that would be fun!

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8689. Re: [AWA Group] Loop Modulation...drove me nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 20:14:46 UTC
From: Larry Szendrei
Topic: 8660 Message: 8689

On 12/6/13 2:20 PM, dulmagedon@... wrote:
>
> Not the cathode circuit Larry. The loop ism post tube out in the tank
> ciol. It is a single loop ner the main coil terminated both ends to
> the carbon mike . The loop picks up RF just the same as an RLF lamp
> does (which I install in all my rigs anyway) The carbon mike becomes
> the load say for instance in stead of a 47 lamp bulb. because the
> carbon mic resistance varies with your voice the the load placed on
> the tank varies as well faithfully modulating the signal or amplitude
> by subtracting from it. I hadn't seen the pics of Lous since they
> would comethru here as attachments so I was curious an spent q day
> looking and reading. I found a veiled reference to a loop
> modulating by absorbtion and I knew what to do instantly. The method
> is used in some regens to subtract RF although a pot is used. It is a
> completley passive method and has no actual connection to the
> radio(in either case) AI did it first in the antenna circuit , the
> output ink and it worked instantly. No fooling , no almost just
> instant success. I tried several things to improve it. I thought that
> if I did it in the tank or osc circuit it might FM but when I finally
> sw the pics of Lou's treasure I decided to try it. It worked even
> better and there was no perceptible freq wobble problem. Then I
> started playing with mics and found there was a large difference there
> as well. Bottom line being bigger is probably better. (disipates any
> excess heat)
>
Yep - As I had said, your original post on this (as this one as well)
had to be retrieved from my SPAM folder. Gotta figure that problem out.
So I hadn't read about your loop modulation escapades yet when I sent
that reply.

> The only reference I found was 1924 so it is a lost technology I
> believe. I was quite frankly stunned at how easy it was to implement
> and how well it worked. no it is not broadcast quality. HLR would
> probably not approve but it is extremely practical.
>
Tim would love it! He loves experimenting with crude technology, and
experimenting in general. He gives honest signal reports, and will tell
you that you sound like you've got a sock stuffed up your schnoz, if
that's what you indeed sound like. But he would definitely encourage you
in what you are doing!

> I just got home and I am testing mine on or about 7120 .
>
I'll listen there.

> I am also in a few minutes going to try it on my Bare essentials rig
> since the RF indicator loop is already there so I need only remove the
> bulb and clip on a carbon mic to try it.
>
> Don.
>
>
73,
-Larry/NE1S

8690. Loop Modulation... DX Record at VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 21:19:32 UTC
From: Louis Vermond
Topic: 8690 Message: 8690
Attachments: 1 described; binary payloads are missing from this source WARC

```
20:20Z
VE3AWA to VE3MG
DX: 600 metres as the RF flies
Carrier: 40 over S-9 and Warbly
"Your AM low, but voice fidelity good with all words understandable. Could QSO."
```

8691. RE: [AWA Group] Loop Modulation...drove me nuts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 21:26:36 UTC
From: <dulmagedon@...>
Topic: 8660 Message: 8691

Glad I used a bakelite mic. then. (#3Handmic) I heard someone in there counting today "testing 1 2 3 4 " and then they were gone. Around 7118kcs. Did a lot of testing this afternoon. Last test was the most fun. XYL was on the computer . I took the grundig crank portable upstairs already on freq and set it in the Tv room. She never heard me. I went back downstairs called CQ and asked what soup we were having for dinner. When I came back up she said she heard every word. Wondered why I was giving my call when I was standing right behind her. Said had I not come up she thought I was standing right there. Wondered why I was talking so loud.
I am going to wire this deal in. May not live near enuf any of you for a QSO but it works well enuf for one that is for sure.
Don

8692. Re: [AWA Group] BK Winds

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 21:37:29 UTC
From: Louis Vermond
Topic: 7034 Message: 8692

..... be prepared for an exceptionally 29-sounding musical signal if this keeps up. Blow!

8693. Re: [AWA Group] VE3AWA Loop Modulation Audio Report de VE3BHK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 23:08:10 UTC
From: Jim Robson
Topic: 8666 Message: 8693

Wait'll you hear it Lou. I recorded it. I think you'll be impressed!
Jim, VE3BHK

On 05/12/13 8:09 PM, Louis Vermond wrote:
>
> "I could tell there was something going on in the carrier." It's a start.
>
>

8694. cw manual

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 23:16:11 UTC
From: Jim Robson
Topic: 8694 Message: 8694

AWA Group friends--I know all are engaged otherwise, but stumbled on this 1922 CW Manual reprint on-line. Thought it might be of interest, if you haven't seen it already. Good luck this weekend. 73, Jim.

http://www.google.ca/url?sa=t&rct=j&q=&esrc=s&source=web&cd=39&ved=0CFQQFjAIOB4&url=http%3A%2F%2Fwww.forgottenbooks.org%2Fdownload_pdf%2FThe_C_W_Manual_1000767873.pdf&ei=R_WhUrKlIs7WrQHy2oDoDg&usg=AFQjCNFL8JfDFk07bnkLN4539KHkUXAnLw&bvm=bv.57752919,d.aWM

8695. Re: [AWA Group] cw manual

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 22:09:25 UTC
From: Louis Vermond
Topic: 8694 Message: 8695

What a find, Jim tks...

Maybe there'll be more pre-'25 on the '14 Kelley.

----- Original Message -----
From: Jim Robson
To: 'AWAGroup@yahoogroups.com'
Sent: 2013-12-06 6:16 PM
Subject: [AWA Group] cw manual

AWA Group friends--I know all are engaged otherwise, but stumbled on this 1922 CW Manual reprint on-line. Thought it might be of interest, if you haven't seen it already. Good luck this weekend. 73, Jim.

http://www.google.ca/url?sa=t&rct=j&q=&esrc=s&source=web&cd=39&ved=0CFQQFjAIOB4&url=http%3A%2F%2Fwww.forgottenbooks.org%2Fdownload_pdf%2FThe_C_W_Manual_1000767873.pdf&ei=R_WhUrKlIs7WrQHy2oDoDg&usg=AFQjCNFL8JfDFk07bnkLN4539KHkUXAnLw&bvm=bv.57752919,d.aWM

8696. VE3AWA Loop Modulation es single button carbonium microphonium

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 22:35:32 UTC
From: Louis Vermond
Topic: 8696 Message: 8696

Lou, I have that other single button carbonium microphonium for you if need be. it’s pretty robust and would look and sound good with your rig. Joe Cro N3IBX
I'll take it, Joe. Will write directly for details.

Hi Lou, Did you mention whether or not you tried an ordinary "F-1" style carbon mic from an old-fashioned pre-made-in-China telephone...? 73~ de Eddy VE3CUI - VE3XZ
Tomorrow I'll visit the local junk shop to see what they have. Can't have too many mics.
I'm in a race with that other Loopie to see who will first DX a mile.

1 : 00 : 25 :

8697. RE: VE3AWA Loop Modulation es single button carbonium microphonium

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-06 22:57:24 UTC
From: <dulmagedon@...>
Topic: 8696 Message: 8697

Well I wondered if that was you I heard counting. Soundedvery similar to my loopie rig. Unfortunately I have no interested Hams around here. CW is almost unheard of and Am should be illegal (Bunch of sick birds I think (ill eagles)
Plate modulation is the only way and 500 watts is minimum should you go on AM. And don't build anything! Why would you build when you can buy? I have heard it all. So I just sit here on Dinasoar Avenue licking my RF burns. (:>) I still don't know which band you are on with that rig. 40M was open today at 3 pm. France was coming in as were other contacts. It didn't last long but was a definite window for maybe 10 to 15 minutes. And yes I did give the French station a call with my loopie. Nothing to lose and everything to gain. No cigar this time. It doesnt matter to me who wins the dx record. I appreciate that you shared the design and have opened up for me a whole new world of modulation experiments. Thank you. I just love this kinda stuff!
There are some good fellows across the lake from me in Rochestor whom I have occasionally worked with my bare essentials rig. That is not far. Whatever distance the lake is across plus 22 miles.
Don

8698. 3560 tonight/Friday

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 02:22:28 UTC
From: <w0vlz@...>
Topic: 8698 Message: 8698
Attachments: 1 described; binary payloads are missing from this source WARC

I plan to be on 3560 tonight/Friday at 9:30 CST testing my PP 45s TNT.

Niel - W0VLZ
Rochester, MN

8699. RE: 3560 tonight/Friday

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 03:14:12 UTC
From: <dulmagedon@...>
Topic: 8698 Message: 8699

Its 1015 est here. I am all tuned up. Only have a rock bound old style Tx for 80(bare essentials 50l6 transmitter) but I have a 3561rock and a VXO circuit so I can pull it close
Don

8700. RE: [AWA Group] 3560 tonight/Friday [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 03:40:54 UTC
From: Carl Nord
Topic: 8698 Message: 8700

You were about 329 in Connecticut, dead on 3560 with the SDR-IQ. If you show back up I will send you a screen shot and you can see the chirp.

I hear a 4 lander call you back

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of w0vlz@...m
Sent: Friday, December 06, 2013 9:22 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] 3560 tonight/Friday [1 Attachment]

I plan to be on 3560 tonight/Friday at 9:30 CST testing my PP 45s TNT.

Niel - W0VLZ
Rochester, MN

8701. RE: [AWA Group] RE: 3560 tonight/Friday

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 03:49:49 UTC
From: Carl Nord
Topic: 8698 Message: 8701

Don,

We will have to try a Bare Essentials to Bare Essentials QSO someday

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Friday, December 06, 2013 10:14 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] RE: 3560 tonight/Friday

Its 1015 est here. I am all tuned up. Only have a rock bound old style Tx for 80(bare essentials 50l6 transmitter) but I have a 3561rock and a VXO circuit so I can pull it close

Don

8702. Re: [AWA Group] 3560 tonight/Friday

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 03:56:24 UTC
From: Niel - W0VLZ
Topic: 8698 Message: 8702

Carl,

Tnx for the signal report. I worked KK4HCF in Tenn (until he lost me). Chrip just adds personality to the signal. Otherwise we sound like any other station on the band. How bad was it? Do you have a audio file I can listen to?

Hopefully condx will be a little better tomorrow night but I'm getting out anyway.

73,
Niel - W0VLZ

Carl Nord wrote:
>
> You were about 329 in Connecticut, dead on 3560 with the SDR-IQ. If
> you show back up I will send you a screen shot and you can see the chirp.
>
> I hear a 4 lander call you back
>
> Carl Nord
>
> WA1KPD
>
> *From:*AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] *On
> Behalf Of *w0vlz@...
> *Sent:! * Friday, December 06, 2013 9:22 PM
> *To:* AWAGroup@yahoogroups.com
> *Subject:* [AWA Group] 3560 tonight/Friday [1 Attachment]
>
> I plan to be on 3560 tonight/Friday at 9:30 CST testing my PP 45s TNT.
>
> Niel - W0VLZ
> Rochester, MN
>
>

8703. RE: [AWA Group] RE: 3560 tonight/Friday

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 04:32:35 UTC
From: <dulmagedon@...>
Topic: 8698 Message: 8703

I missed Niel Too close I guess. Had my regen spotted and my Kenwood TS830S on for back up RX.
Carl good idea. What rocks have you got on 80M?

Don

8704. Re: [AWA Group] 3560 tonight/Friday

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 04:34:06 UTC
From: <dulmagedon@...>
Topic: 8698 Message: 8704

Well I heard him The kk station.

8705. Re: [AWA Group] 10% Hartley efficiency improved

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 07:11:33 UTC
From: Ron Barlow
Topic: 8638 Message: 8705

Hi Doug,

The high "C" resonant tank circuit, will have a higher loaded "Q", compared to a low "C" tank, and the losses will generally be higher, due to the higher level of circulating tank current.

The old handbooks used to recommend a loaded "Q" of ~ 10. This was stated to be a reasonable compromise between excessive losses (with a higher loaded "Q"), and insufficient harmonic attenuation (with a lower loaded "Q").

I would not expect the efficiency difference to be as large as you describe however, unless the 40 m tank circuit was very "lossy".

Note that the circulating tank current flows through the leads that connect the tank circuit inductor to the resonating capacitor. Therefore, these leads should be of generous size, to avoid excessive losses.
I used 1/4 inch copper tubing for both the inductor, and for the interconnecting leads, in my little Hartley, that uses a single 27 tube, at about 3 watts DC input.

73 de Ron n4gjv

From: Doug Forbes <dougforbes@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, December 6, 2013 10:16 AM
Subject: [AWA Group] 10% Hartley efficiency improved

Gentlemen,

It turns out that to resonate the 720 nF, 40 Meter coil to 7 Mhz requires 700 pF which results in 32 Ohms of reactance. Pretty low I thought.

So I substituted the 80 Meter coil, 3.747 mH, and set the cap to about 130 pF. The efficiency shot way up to about 40%. The reactance at thus point is 167 Ohms which may explain the 10% efficiency with the 32 Ohms of the other setup.

What do you think ?

Doug Forbes WA6VYN

8706. Vintage AM/CW station For Sale:

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 12:51:49 UTC
From: <N3IBX@...>
Topic: 8706 Message: 8706

Hello All, I'm posting this for a friend who is the owner of the vintage station for sale. It is located in London,Ontario so a pickup would be necessary due to the weight of everything and cost of shipping. If you have a interest in it please contact him directly at the email address provided below..

The station consists of a beautiful National NC-300 receiver and a Johnson Ranger I transmitter, also in excellent condition. There is the usual wear around some of the knobs, etc but overall they are very respectable. There is a rack .mounted amplifier with a single 813 in it and 2 811 modulators that works with the Ranger. The amp was expertly done and is in a small 3'*4' rack. It uses plug in tank coils and T/R relays for switching...Included with the station are a RME Preselector used with the NC-300, a homebrew T/R switch and desk microphone. .

Everything is pickup only in London, Ontario unless special arrangements have been made by the seller.
Please contact sxclfl@... for pricing, pictures and more information.
Thank you for reading this post..

8707. Re: [AWA Group] RE: VE3AWA Loop Modulation es single button carbonium microphonium

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 14:53:02 UTC
From: Larry Szendrei
Topic: 8696 Message: 8707

On 12/6/13 5:57 PM, dulmagedon@... wrote:
> 40M was open today at 3 pm. France was coming in as were other
> contacts. It didn't last long but was a definite window for maybe 10
> to 15 minutes. And yes I did give the French station a call with my
> loopie. Nothing to lose and everything to gain. No cigar this time.

I was listening on 7120 for you around 3PM and heard a French station
calling CQ on LSB. It was probably the same guy. I didn't hear you , though.

> It doesnt matter to me who wins the dx record. I appreciate that you
> shared the design and have opened up for me a whole new world of
> modulation experiments. Thank you. I just love this kinda stuff!

Me, too!

> There are some good fellows across the lake from me in Rochestor whom
> I have occasionally worked with my bare essentials rig. That is not
> far. Whatever distance the lake is across plus 22 miles.
>
>
You and Lou ought to try to check into the AWA PM AM net on 3837KHz at
4PM Sunday afternoons with your respective contraptions. A lot of those
guys are in that area. I usually check in but will be pounding brass in
the BK this weekend and next instead.

73,
-Larry/NE1S

8708. New Participants?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 15:22:40 UTC
From: Louis Vermond
Topic: 8708 Message: 8708

Who here is working the Kelley Party for the first time?

73, Lou
VE3AWA

8709. Re: [AWA Group] New Participants?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 15:39:40 UTC
From: Doug Forbes
Topic: 8708 Message: 8709

That would be me.

Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

http://sites.google.com/site/dougforbes1/home

On 12/7/2013 7:22 AM, Louis Vermond wrote:
>
>
> Who here is working the Kelley Party for the first time?
> 73, Lou
> VE3AWA
>
>
>

8710. Mr. Meissner & the ARRL 160 Test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 15:41:43 UTC
From: Bill Stewart
Topic: 8710 Message: 8710

GM all,
I guess most of us are tuning & pruning the ole '20s rigs today. I sure hope to work you guys during the BK.

Let me say a big THANKS to Larry, NE1S for passing along the info I needed to get my '24 Meissner hooked up to the coax fed inverted L. It is working very nicely. Last night for a couple of hours, I jumped into the ARRL 160m contest with the 'lil '01A running at 350vdc. I worked almost 30 stations ranging from VE2, VE3 down to C6, FL, out to LA, AL and IN and back up to CT, MA....and of course, all 599 reports...hi. I look forward to working you TB guys next weekend on 160.

73 de Bill K4JYS

8711. RE: [AWA Group] New Participants?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 16:42:29 UTC
From: Carl Nord
Topic: 8708 Message: 8711

First time in about 10 years

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Saturday, December 07, 2013 10:23 AM
To: AWAGroup
Subject: [AWA Group] New Participants?

Who here is working the Kelley Party for the first time?

73, Lou

VE3AWA

8712. Re: [AWA Group] New Participants?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 16:56:36 UTC
From: Louis Vermond
Topic: 8708 Message: 8712

Doug, Pse tell me/us when you will be on and on which bands.

Carl, Thank you. Little trouble finding you!

6 Hours 4 Min.s, Lou

----- Original Message -----
From: Doug Forbes
To: AWAGroup@yahoogroups.com
Sent: 2013-12-07 10:39 AM
Subject: Re: [AWA Group] New Participants?

That would be me.

Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

http://sites.google.com/site/dougforbes1/home
On 12/7/2013 7:22 AM, Louis Vermond wrote:
Who here is working the Kelley Party for the first time?

73, Lou
VE3AWA

8713. Re: [AWA Group] Mr. Meissner & the ARRL 160 Test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 17:51:59 UTC
From: Ron Barlow
Topic: 8710 Message: 8713

Hi Bill,
 Wow! Congrats on the ufb success! 350 volts on an 01A!!! Wow again!!
 I hope that you will pass along the story of your path to success, in one of your future postings!

 I wound a 160m plug in coil, for my 24A/27/27 regenerative receiver, yesterday. (Such formerly easy projects are now far from easy, thanks to arthritis & degraded vision, etc.)

 When I tested it, last eve, I had no trouble finding the 160m band! I had completely forgotten about the contest, and I was amazed, when I heard the "wall to wall" bedlam!

 Your sig must be very good to be able to punch thru all of the competition, that was there, when I was listening!

Vy 73 & GL in the BK QSO party
de Ron n4gjv

From: Bill Stewart <cwopr@...>
To: AWA Group <AWAGroup@yahoogroups.com>
Sent: Saturday, December 7, 2013 10:41 AM
Subject: [AWA Group] Mr. Meissner & the ARRL 160 Test

GM all,
I guess most of us are tuning & pruning the ole '20s rigs today. I sure hope to work you guys during the BK.

Let me say a big THANKS to Larry, NE1S for passing along the info I needed to get my '24 Meissner hooked up to the coax fed inverted L. It is working very nicely. Last night for a couple of hours, I jumped into the ARRL 160m contest with the 'lil '01A running at 350vdc. I worked almost 30 stations ranging from VE2, VE3 down to C6, FL, out to LA, AL and IN and back up to CT, MA....and of course, all 599 reports...hi. I look forward to working you TB guys next weekend on 160.

73 de Bill K4JYS

8714. Re: [AWA Group] Mr. Meissner & the ARRL 160 Test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 18:02:19 UTC
From: N1BUG
Topic: 8710 Message: 8714

Wow, Bill, that's great!

I would use my TNT to make a few contest and DX QSOs if I could figure out how to get it on frequency without a lot of key down "swishing" around the band! ;-) I tried switching to a dummy load to zero beat the frequency but then it moved too much when I went back to antenna. Maybe that won't be so much of an issue when and if it becomes a MOPA. :-)

73,
Paul

8715. Re: [AWA Group] Mr. Meissner & the ARRL 160 Test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 18:35:26 UTC
From: Bill Stewart
Topic: 8710 Message: 8715

Hi Ron,
Yeah, the band was a buzzing last evening. A few nights before the contest
I called CQ for over an hour and finally did make a couple of contacts. Not
much trouble last night working stations...most of which were very strong. I
didn't go after the weak stns. My rcvr not quite as selective as some of the
modern rice boxes. Re. the '01A...I sorta sneaked up on the B+..started at
around 200 since I had already used that much B+ on the one in the TNT.
Well, I just kept going up a tad, but think 350 will be the limit. As I go up
in voltage and plate current, the note gets a bit more growly...maybe trying
to tell me something...hi.

Congrats on your regen. I still want to try one from the mid '20 so I'll probably
be picking your brain when I get to that project.
Gud luck & have fun in the BK...73, Bill

----- Original Message -----

From: "Ron Barlow" <imalowfer@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 7, 2013 12:51:59 PM
Subject: Re: [AWA Group] Mr. Meissner & the ARRL 160 Test

Hi Bill,
 Wow! Congrats on the ufb success! 350 volts on an 01A!!! Wow again!!
 I hope that you will pass along the story of your path to success, in one of your future
postings!

 I wound a 160m plug in coil, for my 24A/27/27 regenerative receiver, yesterday. (Such
formerly easy projects are now far from easy, thanks to arthritis & degraded vision, etc.)

 When I tested it, last eve, I had no trouble finding the 160m band! I had completely
forgotten about the contest, and I was amazed, when I heard the "wall to wall" bedlam!

 Your sig must be very good to be able to punch thru all of the competition, that was
there, when I was listening!

Vy 73 & GL in the BK QSO party
de Ron n4gjv

From: Bill Stewart <cwopr@embarqmail.com>
To: AWA Group <AWAGroup@yahoogroups.com>
Sent: Saturday, December 7, 2013 10:41 AM
Subject: [AWA Group] Mr. Meissner & the ARRL 160 Test

GM all,
I guess most of us are tuning & pruning the ole '20s rigs today. I sure
hope to work you guys during the BK.

Let me say a big THANKS to Larry, NE1S for passing along the info
I needed to get my '24 Meissner hooked up to the coax fed inverted L.
It is working very nicely. Last night for a couple of hours, I jumped into
the ARRL 160m contest with the 'lil '01A running at 350vdc. I worked
almost 30 stations ranging from VE2, VE3 down to C6, FL, out to LA, AL
and IN and back up to CT, MA....and of course, all 599 reports...hi. I look
forward to working you TB guys next weekend on 160.

73 de Bill K4JYS

8716. Re: [AWA Group] Mr. Meissner & the ARRL 160 Test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 18:23:16 UTC
From: Bill Stewart
Topic: 8710 Message: 8716

Hey Paul,
I'll give most of the success to the guys with the good rcvrs
and rcving antennas.I do a tad of swishing, but at just a watt
or two, don't think I caused much QRM. Most of the time I
tap the key rather than hold it down and swish to the freq. Yes,
I had same problem with a dummy load, and also at reduced
power..the freq will change. Hope you can hear me, esp. on 160.
73, Bill

----- Original Message -----

From: "N1BUG" <paul@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 7, 2013 1:02:19 PM
Subject: Re: [AWA Group] Mr. Meissner & the ARRL 160 Test

Wow, Bill, that's great!

I would use my TNT to make a few contest and DX QSOs if I cou ld fig ure out how to get it on frequency without a lot of key down "swishing" around th e band! ;-) I tried switching to a dummy load to zero beat the frequency but then it moved too much when I w ent back to antenna. Maybe that won't be so much of an issue when and if it becomes a MOPA. :-)

73,
Paul

8717. Murphy is Haunting Me- TGTP Problem

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-07 22:58:46 UTC
From: Carl Nord
Topic: 8717 Message: 8717
Attachments: 2 described; binary payloads are missing from this source WARC

Looking forward to this year's BK, I dusted off the nice looking TGTP rig I built about 14 years ago. It worked fine then with an acceptable amount of chirp and 100Kcs impact from moving my hand away from the dial.

It is not behaving and after 4 hours or trying I'm quitting for dinner and hoping someone else may have an idea.

I am using conventional breadboard construction and running a 45. Turn the rig on and it goes into oscillation. Originally traced it to some dust that, I could not see on the underside of the board that was causing the 100 ohm CT filament resistor network to look like a total of 3.2 ohms. It drove me crazy as I would get the resistance looking fine, power it up, it would key itself. Power down, remove xfrmr connection and tube and there it was back to 3.2 ohms across the resistor. No sparking or arcing anywhere so I assume it was acceptable to RF but not the DC in my ohmmeter. After hours of cleaning various paths, reassembling and disassembling I got that cleared up.

BU IT IS NOT THE PROBLEM !!!! ARGHHHHHH Start it up and she flies off again. I have tried several tubes, there is no short between the key lines and I am in need of some thoughts

Here is the general schematic, but I am using a 45 and here is a pic of the rig. I am open to any ideas.. Something so simple has to work again..

45 tube

2.5 V on Fil

275V on plate

Runs about 25 mils

Running into a Windom or dummy load

40 meters

Thanks and 73

Carl Nord

WA1KPD

8718. BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 00:27:23 UTC
From: Steve
Topic: 8718 Message: 8718

Well 40m here is terrible. It looks like another coronal hole has hit us as the Bz has gone strongly south, almost auroral condx now...K index shot to up to 4. It may be an early night :0(

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8719. Re: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 00:33:15 UTC
From: Daniel Petersen
Topic: 8718 Message: 8719

Well Steve, you were being heard in the "other" Vancouver (USA). Not loud
but 548. I also heard Howard, WB2AWQ in Reno - a very distinctive buzz.
73,
Dan - W7OIL

On Sat, Dec 7, 2013 at 4:27 PM, Steve <ve7sl@...> wrote:

> Well 40m here is terrible. It looks like another coronal hole has hit us as
> the Bz has gone strongly south, almost auroral condx now...K index shot to
> up to 4. It may be an early night :0(
>
> Steve
>
>
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
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>
> Yahoo Groups Links
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73,
Dan - W7OIL

8720. Re: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 00:36:33 UTC
From: Steve
Topic: 8718 Message: 8720

>Well Steve, you were being heard in the "other" Vancouver (USA). Not loud
>but 548. I also heard Howard, WB2AWQ in Reno - a very distinctive buzz.
73,
Dan - W7OIL

yes...he, KB0ROB and WT2W in NY are the only guys I hear other than ear-shattering KK7UV in Montana. It was easier working Jim in NY than Harold in MN so condx are either very 'long' (typical in Dec on 40m) or the aurora is biting our butts here.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8721. Re: [AWA Group] New Participants?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 01:31:41 UTC
From: Doug Forbes
Topic: 8708 Message: 8721

I have been on 40 from 2300 and worked WB2AWQ sorta. Howard's signal was almost indistinguishable from the noise here in L.A. Am still hanging around on 40 at 7.105 MHz

Doug Forbes WA6VYN

On 12/7/2013 8:56 AM, Louis Vermond wrote:
>
>
> Doug, Pse tell me/us when you will be on and on which bands.
> Carl, Thank you. Little trouble finding you!
> 6 Hours 4 Min.s, Lou
>
> ----- Original Message -----
> *From:* Doug Forbes <mailto:dougforbes@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2013-12-07 10:39 AM
> *Subject:* Re: [AWA Group] New Participants?
>
> That would be me.
>
> Doug Forbes WA6VYN
> Professor (Ret.) / Department Chair
> Computer Science / Electronics / Music Technology
> College of the Canyons
>
> http://sites.google.com/site/dougforbes1/home
>
>
> On 12/7/2013 7:22 AM, Louis Vermond wrote:
>> Who here is working the Kelley Party for the first time?
>> 73, Lou
>> VE3AWA
>
>
>
>

8722. Re: [AWA Group] New Participants?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 01:34:13 UTC
From: Daniel Petersen
Topic: 8708 Message: 8722

I'm listening (noTX) from Vancouver, WA on 7015 right now.
Dan - W7OIL

On Sat, Dec 7, 2013 at 5:31 PM, Doug Forbes <dougforbes@...>wrote:

>
>
> I have been on 40 from 2300 and worked WB2AWQ sorta. Howard's signal was
> almost indistinguishable from the noise here in L.A. Am still hanging
> around on 40 at 7.105 MHz
>
> Doug Forbes WA6VYN
>
>
>
> On 12/7/2013 8:56 AM, Louis Vermond wrote:
>
> Doug, Pse tell me/us when you will be on and on which bands.
>
> Carl, Thank you. Little trouble finding you!
>
> 6 Hours 4 Min.s, Lou
>
>
>
>
> ----- Original Message -----
> *From:* Doug Forbes <dougforbes@...>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* 2013-12-07 10:39 AM
> *Subject:* Re: [AWA Group] New Participants?
>
>
>
> That would be me.
>
> Doug Forbes WA6VYN
> Professor (Ret.) / Department Chair
> Computer Science / Electronics / Music Technology
> College of the Canyons
> http://sites.google.com/site/dougforbes1/home
>
>
> On 12/7/2013 7:22 AM, Louis Vermond wrote:
>

> Who here is working the Kelley Party for the first time?
>
> 73, Lou
> VE3AWA
>
>
>

--

73,
Dan - W7OIL

8723. Re: [AWA Group] New Participants?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 01:35:50 UTC
From: Daniel Petersen
Topic: 8708 Message: 8723

40 is dead as the Pharaohs after the "sunset sprint".
Dan - W7OIL

On Sat, Dec 7, 2013 at 5:34 PM, Daniel Petersen <dan.w7oil@...> wrote:

> I'm listening (noTX) from Vancouver, WA on 7015 right now.
> Dan - W7OIL
>
>
>
> On Sat, Dec 7, 2013 at 5:31 PM, Doug Forbes <dougforbes@...>wrote:
>
>>
>>
>> I have been on 40 from 2300 and worked WB2AWQ sorta. Howard's signal
>> was almost indistinguishable from the noise here in L.A. Am still hanging
>> around on 40 at 7.105 MHz
>>
>> Doug Forbes WA6VYN
>>
>>
>>
>> On 12/7/2013 8:56 AM, Louis Vermond wrote:
>>
>> Doug, Pse tell me/us when you will be on and on which bands.
>>
>> Carl, Thank you. Little trouble finding you!
>>
>> 6 Hours 4 Min.s, Lou
>>
>>
>>
>>
>> ----- Original Message -----
>> *From:* Doug Forbes <dougforbes@...>
>> *To:* AWAGroup@yahoogroups.com
>> *Sent:* 2013-12-07 10:39 AM
>> *Subject:* Re: [AWA Group] New Participants?
>>
>>
>>
>> That would be me.
>>
>> Doug Forbes WA6VYN
>> Professor (Ret.) / Department Chair

>> Computer Science / Electronics / Music Technology
>> College of the Canyons
>> http://sites.google.com/site/dougforbes1/home
>>
>>
>> On 12/7/2013 7:22 AM, Louis Vermond wrote:
>>
>> Who here is working the Kelley Party for the first time?
>>
>> 73, Lou
>> VE3AWA
>>
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> --
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> 73,
> Dan - W7OIL
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>

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73,
Dan - W7OIL

8724. Re: [AWA Group] New Participants?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 01:37:50 UTC
From: Daniel Petersen
Topic: 8708 Message: 8724

Oops - listening on 7105...dyslexic
Dan - W7OIL

On Sat, Dec 7, 2013 at 5:35 PM, Daniel Petersen <dan.w7oil@...> wrote:

> 40 is dead as the Pharaohs after the "sunset sprint".
> Dan - W7OIL
>
>
> On Sat, Dec 7, 2013 at 5:34 PM, Daniel Petersen <dan.w7oil@...>wrote:
>
>> I'm listening (noTX) from Vancouver, WA on 7015 right now.
>> Dan - W7OIL
>>
>>
>>
>> On Sat, Dec 7, 2013 at 5:31 PM, Doug Forbes <dougforbes@...>wrote:
>>
>>>
>>>
>>> I have been on 40 from 2300 and worked WB2AWQ sorta. Howard's signal
>>> was almost indistinguishable from the noise here in L.A. Am still hanging
>>> around on 40 at 7.105 MHz
>>>
>>> Doug Forbes WA6VYN
>>>
>>>
>>>
>>> On 12/7/2013 8:56 AM, Louis Vermond wrote:
>>>
>>> Doug, Pse tell me/us when you will be on and on which bands.
>>>
>>> Carl, Thank you. Little trouble finding you!
>>>
>>> 6 Hours 4 Min.s, Lou
>>>
>>>
>>>
>>>
>>> ----- Original Message -----
>>> *From:* Doug Forbes <dougforbes@dslextreme.com>
>>> *To:* AWAGroup@yahoogroups.com
>>> *Sent:* 2013-12-07 10:39 AM
>>> *Subject:* Re: [AWA Group] New Participants?
>>>

```
>>>
>>>
>>> That would be me.
>>>
>>> Doug Forbes WA6VYN
>>> Professor (Ret.) / Department Chair
>>> Computer Science / Electronics / Music Technology
>>> College of the Canyons
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>>>
>>> On 12/7/2013 7:22 AM, Louis Vermond wrote:
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>>> Who here is working the Kelley Party for the first time?
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>>> 73, Lou
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>> 73,
>> Dan - W7OIL
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> 73,
> Dan - W7OIL
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73,
Dan - W7OIL
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8725. Re: [AWA Group] New Participants?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 02:03:59 UTC
From: Doug Forbes
Topic: 8708 Message: 8725

Hey Dan, I thought I recognized your call. I use Professor Coyle all the time. Figured out the coil info on my Hartley with it. Thanks a lot. Great tool !!

Doug

On 12/7/2013 5:37 PM, Daniel Petersen wrote:
>
>
> Oops - listening on 7105...dyslexic
> Dan - W7OIL
>
>
> On Sat, Dec 7, 2013 at 5:35 PM, Daniel Petersen <dan.w7oil@...
> <mailto:dan.w7oil@...>> wrote:
>
> 40 is dead as the Pharaohs after the "sunset sprint".
> Dan - W7OIL
>
>
> On Sat, Dec 7, 2013 at 5:34 PM, Daniel Petersen
> <dan.w7oil@... <mailto:dan.w7oil@...>> wrote:
>
> I'm listening (noTX) from Vancouver, WA on 7015 right now.
> Dan - W7OIL
>
>
> On Sat, Dec 7, 2013 at 5:31 PM, Doug Forbes
> <dougforbes@... <mailto:dougforbes@...>>
> wrote:
>
> I have been on 40 from 2300 and worked WB2AWQ sorta.
> Howard's signal was almost indistinguishable from the
> noise here in L.A. Am still hanging around on 40 at 7.105 MHz
>
> Doug Forbes WA6VYN
>
>
>
>
> On 12/7/2013 8:56 AM, Louis Vermond wrote:
>> Doug, Pse tell me/us when you will be on and on which
>> bands.
>> Carl, Thank you. Little trouble finding you!
>> 6 Hours 4 Min.s, Lou

>>
>> ----- Original Message -----
>> *From:* Doug Forbes <mailto:dougforbes@...>
>> *To:* AWAGroup@yahoogroups.com
>> <mailto:AWAGroup@yahoogroups.com>
>> *Sent:* 2013-12-07 10:39 AM
>> *Subject:* Re: [AWA Group] New Participants?
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>> That would be me.
>>
>> Doug Forbes WA6VYN
>> Professor (Ret.) / Department Chair
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>>
>>
>> On 12/7/2013 7:22 AM, Louis Vermond wrote:
>>> Who here is working the Kelley Party for the first
>>> time?
>>> 73, Lou
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> 73,
> Dan - W7OIL
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> 73,
> Dan - W7OIL
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> 73,
> Dan - W7OIL
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>

8726. Re: [AWA Group] New Participants?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 02:06:36 UTC
From: Louis Vermond
Topic: 8708 Message: 8726

Doug, You gg to be on 80 to night? Lou

----- Original Message -----
From: Doug Forbes
To: AWAGroup@yahoogroups.com
Sent: 2013-12-07 9:03 PM
Subject: Re: [AWA Group] New Participants?

Hey Dan, I thought I recognized your call. I use Professor Coyle all the time. Figured out the coil info on my Hartley with it. Thanks a lot. Great tool !!

Doug

On 12/7/2013 5:37 PM, Daniel Petersen wrote:
Oops - listening on 7105...dyslexic
Dan - W7OIL

On Sat, Dec 7, 2013 at 5:35 PM, Daniel Petersen <dan.w7oil@...> wrote:

40 is dead as the Pharaohs after the "sunset sprint".
Dan - W7OIL

On Sat, Dec 7, 2013 at 5:34 PM, Daniel Petersen <dan.w7oil@...> wrote:

I'm listening (noTX) from Vancouver, WA on 7015 right now.
Dan - W7OIL

On Sat, Dec 7, 2013 at 5:31 PM, Doug Forbes <dougforbes@...> wrote:

I have been on 40 from 2300 and worked WB2AWQ sorta. Howard's signal was almost indistinguishable from the noise here in L.A. Am still hanging around on 40 at 7.105 MHz

Doug Forbes WA6VYN

On 12/7/2013 8:56 AM, Louis Vermond wrote:
Doug, Pse tell me/us when you will be on and on which bands.

Carl, Thank you. Little trouble finding you!

6 Hours 4 Min.s, Lou

----- Original Message -----
From: Doug Forbes
To: AWAGroup@yahoogroups.com
Sent: 2013-12-07 10:39 AM
Subject: Re: [AWA Group] New Participants?

That would be me.

Doug Forbes WA6VYN
Professor (Ret.) / Department Chair
Computer Science / Electronics / Music Technology
College of the Canyons

http://sites.google.com/site/dougforbes1/home
On 12/7/2013 7:22 AM, Louis Vermond wrote:
Who here is working the Kelley Party for the first time?

73, Lou
VE3AWA

--

73,
Dan - W7OIL

--

73,
Dan - W7OIL

--

73,
Dan - W7OIL

8727. RE: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 02:07:52 UTC
From: Steve Flood
Topic: 8718 Message: 8727

On Sat, Dec 7, 2013 at 4:27 PM, Steve <ve7sl@...> wrote:

Well 40m here is terrible. It looks like another coronal hole has hit us as the Bz has gone strongly south, almost auroral condx now...K index shot to up to 4. It may be an early night :0(

I tried to copy VE7SL and another station in QSO on 80m, but Steve's usual powerful sig here was almost buried in S9 noise. Can only make out a few WES sprinters and a hint or two of 29'ers. Yuck.

Steve-KK7UV

8728. Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 02:11:20 UTC
From: Ron Barlow
Topic: 8717 Message: 8728
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Carl,

If I understand the problem correctly, I suspect that one or both C3 caps have failed. I would suggest replacing both caps, even if only one is kaput. Another, less likely possibility, is that the filament transformer insulation is breaking down between the secondary winding and its frame.

Are you disconnecting the filament transformer, and removing the 45 tube from its socket, when you are attempting to measure R-1, Carl? The tube filament and the transformer secondary winding are both in parallel with this resistor, which would invalidate ur measurements.

I have been under the wx, and I did not feel up to much operating.
However, I did manage to log my 1st ever QSOs, while using my 24A/27/27 regenerative receiver. That was great fun! Mr Armstrong's invention certainly provides some amazing performance, from just a handfull of parts!

GL with ur efforts to solve & cure the problem, Carl.
Well, back to 80 m, after ingesting strong coffee. I hope to CU there!

73 de Ron n4gjv

From: Carl Nord <chnord@...>
To: AWAGroup@yahoogroups.com
Sent: Saturday, December 7, 2013 5:58 PM
Subject: [AWA Group] Murphy is Haunting Me- TGTP Problem

Looking forward to this year’s BK, I dusted off the nice looking TGTP rig I built about 14 years ago. It worked fine then with an acceptable amount of chirp and 100Kcs impact from moving my hand away from the dial.

It is not behaving and after 4 hours or trying I’m quitting for dinner and hoping someone else may have an idea.

I am using conventional breadboard construction and running a 45. Turn the rig on and it goes into oscillation. Originally traced it to some dust that, I could not see on the underside of the board that was causing the 100 ohm CT filament resistor network to look like a total of 3.2 ohms. It drove me crazy as I would get the resistance looking fine, power it up, it would key itself. Power down, remove xfrmr connection and tube and there it was back to 3.2 ohms across the resistor. No sparking or arcing anywhere so I assume it was acceptable to RF but not the DC in my ohmmeter. After hours of cleaning various paths, reassembling and disassembling I got that cleared up.

BU IT IS NOT THE PROBLEM !!!! ARGHHHHHH Start it up and she flies off again. I have tried several tubes, there is no short between the key lines and I am in need of some thoughts

Here is the general schematic, but I am using a 45 and here is a pic of the rig. I am open to any ideas.. Something so simple has to work again..

45 tube
2.5 V on Fil
275V on plate
Runs about 25 mils
Running into a Windom or dummy load
40 meters

Thanks and 73
Carl Nord
WA1KPD

8729. Re: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 03:06:49 UTC
From: Daniel Petersen
Topic: 8718 Message: 8729

I missed the details so perhaps someone can give me the frequency areas to
tune on 40, 80 and 160 for the BK?
73,
Dan - W7OIL

On Sat, Dec 7, 2013 at 6:07 PM, Steve Flood <kk7uv@...> wrote:

>
>
> On Sat, Dec 7, 2013 at 4:27 PM, Steve <ve7sl@...> wrote:
>
> Well 40m here is terrible. It looks like another coronal hole has hit us as
> the Bz has gone strongly south, almost auroral condx now...K index shot to
> up to 4. It may be an early night :0(
>
>
> I tried to copy VE7SL and another station in QSO on 80m, but Steve’s usual
> powerful sig here was almost buried in S9 noise. Can only make out a few
> WES sprinters and a hint or two of 29’ers. Yuck.
>
> Steve-KK7UV
>
>
>

--

73,
Dan - W7OIL

8730. Further looping

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 03:08:51 UTC
From: <dulmagedon@...>
Topic: 8730 Message: 8730

Went on BK for a bit when I arrived home from fiddle playing. Heard W0RPZ but was unable to get a response when I answered his call SO I quit and went back at the loop experiments. I tried three different deals on my homebrew transceiver. Mod the P. Worked not bad. Tried connecting the carbon mic across the regens coil input link.OSC wouldn't start.. I then made a single one turn loop at the cold end of the tuning coil and hooked it up. WOW. Monitor rx was pretty near blown off the shelf. More experiments tomorrow including tryin it on the bare essentials rig.
don

8731. Re: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 05:13:27 UTC
From: Whitebear1122
Topic: 8718 Message: 8731

Here are the rules:

http://www.antiquewireless.org/uploads/1/6/1/2/16129770/the_2013_bruce_kelley_1929_qso_party_info.pdf

The logs are here:

http://www.antiquewireless.org/awa-on-the-air.html

73, Scott WA9WFA

On Dec 7, 2013, at 9:06 PM, Daniel Petersen <dan.w7oil@...> wrote:

>
>
> I missed the details so perhaps someone can give me the frequency areas to tune on 40, 80 and 160 for the BK?
> 73,
> Dan - W7OIL
>
>

8732. Re: [AWA Group] Mr. Meissner & the ARRL 160 Test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 14:13:19 UTC
From: Larry Szendrei
Topic: 8710 Message: 8732

On 12/7/13 10:41 AM, Bill Stewart wrote:
>
> Let me say a big THANKS to Larry, NE1S for passing along the info
>
> I needed to get my '24 Meissner hooked up to the coax fed inverted L.
>
> It is working very nicely. Last night for a couple of hours, I jumped into
>
> the ARRL 160m contest with the 'lil '01A running at 350vdc. I worked
>
> almost 30 stations ranging from VE2, VE3 down to C6, FL, out to LA, AL
>
> and IN and back up to CT, MA....and of course, all 599 reports...hi. I
> look
>
> forward to working you TB guys next weekend on 160.
>
>
Thanks for the kudos, Bill, although I can't remember your question or
what I had recommended :-) Please refresh my memory! Glad it's working
well for you, in any case.

Great working you last night on 80M, and this morning on 40M, after our
failed attempt on 40M last night.

73,
-Larry/NE1S

8733. Re: [AWA Group] New Participants?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 14:14:43 UTC
From: Larry Szendrei
Topic: 8708 Message: 8733

On 12/7/13 11:42 AM, Carl Nord wrote:
>
> First time in about 10 years
>
> Carl Nord
>
> WA1KPD
>
>
Hi Carl,

You never answered my question on the filament resistor. Or, if you did, somehow I never got your response.

73,
-Larry/NE1S

8734. Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 14:22:14 UTC
From: Larry Szendrei
Topic: 8717 Message: 8734

On 12/7/13 9:11 PM, Ron Barlow wrote:
> Hi Carl,
> If I understand the problem correctly, I suspect that one or both C3
> caps have failed. I would suggest replacing both caps, even if only
> one is kaput. Another, less likely possibility, is that the filament
> transformer insulation is breaking down between the secondary winding
> and its frame.
>
Carl, I concur with Ron's analysis.

I really don't see how dust could possibly reduce the resistance enuff
to key the rig, much less to a few ohms, unless it's gold dust, HI!

73,
-Larry/NE1S

8735. Re: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 14:24:01 UTC
From: Larry Szendrei
Topic: 8718 Message: 8735

> I tried to copy VE7SL and another station in QSO on 80m, but Steve's
> usual powerful sig here was almost buried in S9 noise. Can only make
> out a few WES sprinters and a hint or two of 29'ers. Yuck.
>
> Steve-KK7UV
>
>

You were 579 on 40M here in Maine last night, Steve. Tried to call you
but no joy.

73,
-Larry/NE1S

8736. Re: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 14:31:12 UTC
From: Larry Szendrei
Topic: 8718 Message: 8736

On 12/8/13 9:24 AM, Larry Szendrei wrote:
>
>
>> I tried to copy VE7SL and another station in QSO on 80m, but Steve's
>> usual powerful sig here was almost buried in S9 noise. Can only make
>> out a few WES sprinters and a hint or two of 29'ers. Yuck.
>>
>> Steve-KK7UV
>>
>
> You were 579 on 40M here in Maine last night, Steve. Tried to call you
> but no joy.
>
> 73,
> -Larry/NE1S
I see my response may have been ambiguous. It's KK7UV I heard, not VE7SL.

73,
-Larry/NE1S

8737. Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 15:00:05 UTC
From: Doug Forbes
Topic: 8717 Message: 8737
Attachments: 2 described; binary payloads are missing from this source WARC

I had some weird stuff like this go on with my rig in this regard as well. What is the output frequency when it keys itself? Mine was way higher than when keyed normally. Indicating that shorted or leaky filament bypass caps weren't the problem.

Doug Forbes WA6VYN

On 12/7/2013 2:58 PM, Carl Nord wrote:
>
>
> Looking forward to this year's BK, I dusted off the nice looking TGTP
> rig I built about 14 years ago. It worked fine then with an acceptable
> amount of chirp and 100Kcs impact from moving my hand away from the dial.
>
> It is not behaving and after 4 hours or trying I'm quitting for dinner
> and hoping someone else may have an idea.
>
> I am using conventional breadboard construction and running a 45. Turn
> the rig on and it goes into oscillation. Originally traced it to some
> dust that, I could not see on the underside of the board that was
> causing the 100 ohm CT filament resistor network to look like a total
> of 3.2 ohms. It drove me crazy as I would get the resistance looking
> fine, power it up, it would key itself. Power down, remove xfrmr
> connection and tube and there it was back to 3.2 ohms across the
> resistor. No sparking or arcing anywhere so I assume it was acceptable
> to RF but not the DC in my ohmmeter. After hours of cleaning various
> paths, reassembling and disassembling I got that cleared up.
>
> BU IT IS NOT THE PROBLEM !!!! ARGHHHHHH Start it up and she flies off
> again. I have tried several tubes, there is no short between the key
> lines and I am in need of some thoughts
>
> Here is the general schematic, but I am using a 45 and here is a pic
> of the rig. I am open to any ideas.. Something so simple has to work
> again..
>
> 45 tube
>
> 2.5 V on Fil
>
> 275V on plate
>
> Runs about 25 mils
>

> Running into a Windom or dummy load
>
> 40 meters
>
> Thanks and 73
>
> Carl Nord
>
> WA1KPD
>
>
>
>

8738. BK Condx and Comments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 15:04:57 UTC
From: whitebear1122@...
Topic: 8718 Message: 8738

Didn't start the BK until around 7 pm or 7:30 last night. Band conditions were good and the dreaded line noise wasn't present so the band was quiet and long. I worked some 18 stations last night including the rare DX'ers VE7SL and VE3AWA, plus worked several East Coasters which is usually a challenge for the Midwest, plus I worked a bunch of Midwesters in MN, CO, WI MI. I didn't hear KK7UV with my own ears although I heard someone calling him. I also heard the elusive W1GIG when I first turned the rig on but couldn't find him after tuning the rig.

I got on this morning, albeit late, and worked two or three more midwest stations. I always have big plans to get up at 6 AM to work the east coast but I can't pry my eyes open that early. hi hi I will be switching the Colpitts over to 40m in a few minutes and look forward to some good 40m 1929 contacts today.

The19 26 push-pull Colpitts was surprisingly working good. Some years it gets jumpy and suddenly jumps 600 to 800 hz but last night it was rock stable. There is a fine line between between loading, grid drive, high voltage, and the antenna tuner. I did slip a sheet of large bubble bubble wrap under it to keep it from vibrating while I'm pounding the key, retightened many of the screws and connections. That Colpitts is amazing in that there is basically no hand capacitance effect because the stator is grounded.

I heard a lot of really nice 1929 sounding signals with just the right amount of chirp to sound wonderful. I haven't heard any of the buzzer (raw AC) stations yet this year. Nor have I heard any crappy signals either.

Temperatures last night were -5F so I had the woodstove going in the background keeping the shack nice and toasty. Glad to work the stations that I did and I hope to work the rest.

73, Scott WA9WFA

8739. The 26 Colpitts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 15:20:07 UTC
From: whitebear1122@...
Topic: 8739 Message: 8739
Attachments: 1 described; binary payloads are missing from this source WARC

Here is a photo of the Colpitts. No the bubble wrap is not authentic 1926 :) 73, Scott WA9WFA

8740. Re: [AWA Group] The 26 Colpitts [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 16:04:46 UTC
From: Mark
Topic: 8740 Message: 8740
Attachments: 1 described; binary payloads are missing from this source WARC

Scott,

Nice looking rig ! It was great to work you last night, it has been a few years ! Overall, I found it pretty rough going, with signals very weak and fairly high line noise here. I only worked 80 meters using my 1929 Hartley and my HRO Senior - a grand total of 5 stations worked in BC (VE7SL), MN (KB0ROB, K0KP, WA9WFA), and MT (KK7UV). N3GJ in PA was close but can't officially count him - I got everything but the rig and power he was using ! Attached is the 1929 station this year. Next week I might try a more modern receiver that has better filtering with the Hartley.

73 Mark ABØCW

----- Original Message -----
From: whitebear1122@comcast.net
To: AWAGroup
Sent: Sunday, December 08, 2013 8:20 AM
Subject: [AWA Group] The 26 Colpitts [1 Attachment]

Here is a photo of the Colpitts. No the bubble wrap is not authentic 1926 :) 73, Scott WA9WFA

8741. Re: [AWA Group] Mr. Meissner & the ARRL 160 Test

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 16:16:26 UTC
From: Bill Stewart
Topic: 8710 Message: 8741

Hi Larry,
I'm taking a break from the pile ups on 40m...hi.
You passed along info on how to use a coax fed antenna with
my 160m Meissner...by using a sampling coil and var. cap...works
very nicely so now I will be using the inv. L instead of the 30 ft
high 160m windom. Great to work you on 80 & 40 and hope we
can make it on 160...73, Bill K4JYS

----- Original Message -----

From: "Larry Szendrei" <ne1s@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 8, 2013 9:13:19 AM
Subject: Re: [AWA Group] Mr. Meissner & the ARRL 160 Test

On 12/7/13 10:41 AM, Bill Stewart wrote:

Let me say a big THANKS to Larry, NE1S for passing along the info
I needed to get my '24 Meissner hooked up to the coax fed inverted L.
It is working very nicely. Last night for a couple of hours, I jumped into
the ARRL 160m contest with the 'lil '01A running at 350vdc. I worked
almost 30 stations ranging from VE2, VE3 down to C6, FL, out to LA, AL
and IN and back up to CT, MA....and of course, all 599 reports...hi. I look
forward to working you TB guys next weekend on 160.

Thanks for the kudos, Bill, although I can't remember your question or what I had
recommended :-) Please refresh my memory! Glad it's working well for you, in any case.

Great working you last night on 80M, and this morning on 40M, after our failed attempt on
40M last night.

73,
-Larry/NE1S

8742. RE: [AWA Group] BK Condx and Comments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 17:58:52 UTC
From: Steve Flood
Topic: 8718 Message: 8742
Attachments: 1 described; binary payloads are missing from this source WARC

For those who called and I didn’t answer, I’ve had some bad line noise here. I knew it was going to be rough when the usual strong stations were just above the noise level. For about an hour last night the noise subsided and I was able to put NC stations K4JYS and N4GJV in the log. Propagation was nothing to cheer about either, but hoping for better conditions next weekend.

This year’s station is all ‘29 gear (see attached). MOPA transmitter, 4-tube regen, 199 Monitor, GPO straight key. It takes longer to get all three pieces on the same frequency, but it is a hoot to complete a QSO like this! The band sounded plenty full at times with the regen and the SKCC WES activity with us! The old filter between the ears got a great workout.

73, Steve KK7UV

8743. Re: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 18:15:24 UTC
From: Steve
Topic: 8718 Message: 8743

Darn! Sorry I missed you. I never heard a whisper from you it seems. Let's hope things are better next week. I did work WT2W in NY whose 5W Hartley was whomping in here for over an hour on 40m...condx were very very odd on both bands. Virtually no E-W prop like usual yet the 4's in NC were solid the entire night.

Steve

>
>> I tried to copy VE7SL and another station in QSO on 80m, but Steve's
>> usual powerful sig here was almost buried in S9 noise. Can only make
>> out a few WES sprinters and a hint or two of 29'ers. Yuck.
>>
>> Steve-KK7UV
>>
>>
>
> You were 579 on 40M here in Maine last night, Steve. Tried to call you
> but no joy.
>
> 73,
> -Larry/NE1S
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8744. Re: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 18:16:20 UTC
From: Steve
Topic: 8718 Message: 8744

>It's KK7UV I heard, not VE7SL.

OK...now I don't feel so bad ;-))

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8745. Re: [AWA Group] The 26 Colpitts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 18:22:34 UTC
From: Steve
Topic: 8740 Message: 8745

>using my 1929 Hartley and my HRO Senior - a grand total of 5 stations
>worked in BC (VE7SL), MN (KB0ROB, K0KP, WA9WFA), and MT (KK7UV).
>N3GJ in PA was close but can't officially count him - I got everything but
>the rig and power he was using ! Attached is the 1929 station this year.
>Next week I might try a more modern receiver that has better filtering
>with the Hartley.

73 Mark AB0CW

Mark - you were thumping in here last night peaking S9 at times....your signal has a very characteristic chirp / waver to it and really stands out nicely!

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8746. Re: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 18:42:40 UTC
From: Larry Szendrei
Topic: 8718 Message: 8746

On 12/8/13 1:16 PM, Steve wrote:
>
> >It's KK7UV I heard, not VE7SL.
>
> OK...now I don't feel so bad ;-))
>
Hopefully we can QSO next weekend, Steve, on at least one of the 3 bands.

73,
-Larry/NE1S

8747. RE: [AWA Group] Murphy is Haunting Me- TGTP Problem

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 20:27:50 UTC
From: Carl Nord
Topic: 8717 Message: 8747

Larry and Ron

Well you were both right. Sort of…

I replaced both those caps with brand new ones and it worked as it should. Then I began noticing a ticking, like the transmitter would transmit for a microsecond, barely moving the PA meter.

Eventually it returned to its old ways of just oscillating on its own.

The only part left is the cap in the grid circuit. That’s net when I feel like attacking it…

Thanks for the input and I will fix this beast.

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Sunday, December 08, 2013 9:22 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

On 12/7/13 9:11 PM, Ron Barlow wrote:

Hi Carl,

If I understand the problem correctly, I suspect that one or both C3 caps have failed. I would suggest replacing both caps, even if only one is kaput. Another, less likely possibility, is that the filament transformer insulation is breaking down between the secondary winding and its frame.

Carl, I concur with Ron's analysis.

I really don't see how dust could possibly reduce the resistance enuff to key the rig, much less to a few ohms, unless it's gold dust, HI!

73,
-Larry/NE1S

8748. RE: Further looping

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-08 20:54:33 UTC
From: <dulmagedon@...>
Topic: 8730 Message: 8748

Further today I took the VFO cover off my ARC5 and looped it. Took two trys to get it right. Works excellent now. So Now I have a 60 watt looper. (Testing on 1880kc) And while I was in there I made it permanent then I went back to some of my other CW rigs and did it to them as well. I asked myself why wouldn't I add AM to all my rigs when it is now so easy to do. Have voice quality now like "in the room". I never had so much fun.
Don

8749. Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-09 01:54:47 UTC
From: Ron Barlow
Topic: 8717 Message: 8749

Hi Carl,
 I cannot conceive of any way that the grid cap could cause the problem that you describe (but I have been "wrong" before, several thousand times!).
 Something that effectively shunts the key is apparently breaking down. There are not many possibilities, if your transmitter is an exact duplicate of the drawing.
 Some possibilities (some of them would be improbable, but sometimes the improbable does happen) would include the filament transformer, an insulation breakdown in the wiring to the key, an insulation problem in the key, itself, rosin residue in the wiring to R-1 (or elsewhere in the filament circuit), that has become carbonized, and thus has become conductive, etc.

 There would be a substantial amount of voltage, across the key contacts, when the key is not closed/depressed.

 Are you using a straight key, Carl?? A keying relay?? I suggest unplugging the key, and any keying relay (or disconnecting it, if no jack and plug are used), to see if the problem vanishes, before trying anything else.

GL & 73 de Ron n4gjv

PS: Murph visited me, also. When I operated my T/R device (a knife switch), to switch my antenna to my transmitter, the contact broke, on the knife switch. I was unable to locate another knife switch in my junk piles, so I replaced the knife switch with a SPDT panel mounted type toggle switch.

From: Carl Nord <chnord@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 8, 2013 3:27 PM
Subject: RE: [AWA Group] Murphy is Haunting Me- TGTP Problem

Larry and Ron
Well you were both right. Sort of…
I replaced both those caps with brand new ones and it worked as it should. Then I began noticing a ticking, like the transmitter would transmit for a microsecond, barely moving the PA meter.
Eventually it returned to its old ways of just oscillating on its own.
The only part left is the cap in the grid circuit. That’s net when I feel like attacking it…
Thanks for the input and I will fix this beast.

Carl Nord
WA1KPD

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Sunday, December 08, 2013 9:22 AM
To: AWAGroup@yahoogroups.com

Subject: Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

On 12/7/13 9:11 PM, Ron Barlow wrote:
Hi Carl,
>
> If I understand the problem correctly, I suspect that one or both C3 caps have failed. I would suggest replacing both caps, even if only one is kaput. Another, less likely possibility, is that the filament transformer insulation is breaking down between the secondary winding and its frame.
>
Carl, I concur with Ron's analysis.

I really don't see how dust could possibly reduce the resistance enuff to key the rig, much less to a few ohms, unless it's gold dust, HI!

73,
-Larry/NE1S

8750. Re: [AWA Group] Murphy is Haunting Me- TNT Problem

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-09 02:22:39 UTC
From: Carl Nord WA1KPD
Topic: 8717 Message: 8750

Hi Ron,
Thanks again. We can remove the key and wiring as an element since I have yet to connect it.
I took the tube socket out (ceramic) and cleaned it top and bottom with contact cleaner, even though there was no sign of arcing. The socket receptacles show some discoloration almost like silver oxidation but I cleaned that too.
I am not using my 2.5 volt filament transformer as have misplaced it, but am using a regular 6.3 volt transformer with several ohms of resistance in one leg, which brings it to just under 2.5 V. The voltage stays steady across the filament.
I will eventually find it, but sure appreciate the help. If the xmtr had not worked before I would probably give up. I envsion finding the problem at 5:59 next Sunday night :)
73
Carl

----- Original Message -----From: Ron Barlow <imalowfer@...>To: AWAGroup@yahoogroups.comSent: Mon, 09 Dec 2013 01:54:47 -0000 (UTC)Subject: Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

Hi Carl,
I cannot conceive of any way that the grid cap could cause the problem that you describe (but I have been "wrong" before, several thousand times!).
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There would be a substantial amount of voltage, across the key contacts, when the key is not closed/depressed.

Are you using a straight key, Carl?? A keying relay?? I suggest unplugging the key, and any keying relay (or disconnecting it, if no jack and plug are used), to see if the problem vanishes, before trying anything else.

GL & 73 de Ron n4gjv

PS: Murph visited me, also. When I operated my T/R device (a knife switch), to switch my antenna to my transmitter, the contact broke, on the knife switch. I was unable to locate another knife switch in my junk piles, so I replaced the knife switch with a SPDT panel mounted type toggle switch.

From: Carl Nord <chnord@...>To: AWAGroup@yahoogroups.com Sent: Sunday, December 8, 2013 3:27 PMSubject: RE: [AWA Group] Murphy is Haunting Me- TGTP Problem

Larry and Ron
Well you were both right. Sort of…
I replaced both those caps with brand new ones and it worked as it should. Then I began noticing a ticking, like the transmitter would transmit for a microsecond, barely moving the PA meter.
Eventually it returned to its old ways of just oscillating on its own.
The only part left is the cap in the grid circuit. That’s net when I feel like attacking it…
Thanks for the input and I will fix this beast.

Carl Nord
WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry SzendreiSent: Sunday, December 08, 2013 9:22 AMTo: AWAGroup@yahoogroups.comSubject: Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

On 12/7/13 9:11 PM, Ron Barlow wrote:

Hi Carl,

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Carl, I concur with Ron's analysis. I really don't see how dust could possibly reduce the resistance enuff to key the rig, much less to a few ohms, unless it's gold dust,
HI!73,-Larry/NE1S

8751. RE: Further looping

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-09 02:48:07 UTC
From: <dulmagedon@...>
Topic: 8730 Message: 8751

By tomorrow evening if all goes well I will have only one transmitter left that cannot do AM and CW. I have installed a modulation loop on all my HB rigs except the bare essentials because I would have to redo the coil to a different style to make it work right so I may just leave it as is. Tomorrow I will take the 80M ARC5 apart and add a modulation loop and mic jack to it. Don't know what I will do with all my cathode modulators now that they are redundant.
Lou I have to say a big thank you for showing and talking about your Looper. You set me of unknowingly perhaps on three of the most exciting days in my radio hobby. Not since I heard my first regen give its birth squeal have I had so much fun. That this technology has been lost for 90 years or so is amazing. Probably its biggest drawback is it is TOO SIMPLE which leads most to believe how could it work or be any good. How well it works astounded me. Probably now it will slip back into oblivion. I will add it to my 80M ARC5 and will use it on air but will probably not say much about it. I have grown weary hearing about how Plate Modulation is the only decent way (and I get that sutily on a weekly basis almost from one in my AM morning group.). Most will never try , afraid that they will appear doef for doing so. So be it. For me it has been the shiny spot and I thank you for bringing it to our attention. I may write an article on it some time as I am a writer however for now I intend to enjoy it. Would still like to know Lou what band or bands you use yours on so we could loop the loop so to speak.
Don

8752. W7OIL on BK next weekend?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-09 06:01:39 UTC
From: Daniel Petersen
Topic: 8752 Message: 8752

Next week I shall dust off the "Double-M" transmitter that uses a single #27. It operates on 80 meters so if the creeks don't rist I'll try to be on next weekend.

73,
Dan - W7OIL
Vancouver, WA, USA

8753. Re: [AWA Group] W7OIL on BK next weekend?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-09 14:22:28 UTC
From: Louis Vermond
Topic: 8752 Message: 8753

Good! more DX...

----- Original Message -----
From: Daniel Petersen
To: awagroup
Sent: 2013-12-09 1:01 AM
Subject: [AWA Group] W7OIL on BK next weekend?

Next week I shall dust off the "Double-M" transmitter that uses a single #27. It operates on 80 meters so if the creeks don't rist I'll try to be on next weekend.

73,
Dan - W7OIL
Vancouver, WA, USA

8754. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-09 15:09:21 UTC
From: Louis Vermond
Topic: 130 Message: 8754

COTO Coil Pee-Wee Inductance Porcelain 5-Pin Copper Coiled 6160-E 6168-E 1930's

http://www.ebay.ca/itm/COTO-Coil-Pee-Wee-Inductance-Porcelain-5-Pin-Copper-Coiled-6160-E-6168-E-1930s-/131067417761?pt=Vintage_Electronics_R2&hash=item1e843a14a1#ht_4588wt_887

Look closely though...

8755. bk so far

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-09 18:08:57 UTC
From: barry whittemore
Topic: 8755 Message: 8755

Well i had fun in the BK so far. Only 7 QSOs so far but having fun. My Hartley seems to be more stable on the 80 meter band. That is at least what it sounds like on my end. I had some time issues to keep me occupied. I was playing in the 160 contest hoping for some new countries on 160 (got none) and i had a most of the day meeting on Sun. left at 10 AM and got home just before 6 so lost that time.
I am ready for next weekend though, i will be in 10 meter contest as well but hope to get more BK time.
Look for you all next weekend.
Barry
NF1O

8756. Re: [AWA Group] Murphy is Haunting Me- TNT Problem

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-09 20:34:34 UTC
From: Ron Barlow
Topic: 8717 Message: 8756

Hi again Carl,

There are only ~ 3 possibilities remaining, as far as I can see.

Have you measured the resistance (with all power removed), from either side of the filament, and the negative side of the high voltage power supply? This test should indicate an infinite resistance reading. Anything less than infinity would raise a red flag.

I do not see R-1 on the xmtr photo, thus I do not know how it is constructed. If it is located on the power supply, and the latter has a metal chassis, it is possible that there is leakage between some portion of R-1 and the chassis. Also, the key jack could have a leakage issue.
To eliminate both of these possibilities, disconnect the leads from both ends of R-1. Tape these leads, or otherwise prevent them from accidental contact with you, or anything else, and apply power. Does the problem remain? If yes, the filament transformer (or its secondary leads, where they pass thru a hole in the metal chassis) is suspect.
The fact that the transmitter previously worked ok, and has begun to malfunction, after changing the transformer, may be more than a coincidence. Unfasten the transformer from the chassis, and insulate it from the metal chassis by some sort of insulating material--plastic, etc. Remember that the key up voltage, on the 45 filament, and its associated wiring, will be ~ 150 volts or so, so be careful. If the transformer does have a leakage problem, the core and frame of the transformer, will assume that ~ 150 volt level, when power is applied.

You mentioned an added resistor in series with the filament transformer secondary winding. Is this resistor mounted on a bakelite terminal strip? A leakage here could also cause the described problem. Does the filament transformer secondary winding have a center tap, that is not well insulated from the power supply chassis?

I hope that you are able to sort out the problem, before next weekends fun and festivities begin!

73 de Ron

From: Carl Nord WA1KPD <chnord@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 8, 2013 9:22 PM
Subject: Re: [AWA Group] Murphy is Haunting Me- TNT Problem

Hi Ron,
Thanks again. We can remove the key and wiring as an element since I have yet to connect it.
I took the tube socket out (ceramic) and cleaned it top and bottom with contact cleaner, even though there was no sign of arcing. The socket receptacles show some discoloration almost like silver oxidation but I cleaned that too.
I am not using my 2.5 volt filament transformer as have misplaced it, but am using a

regular 6.3 volt transformer with several ohms of resistance in one leg, which brings it to just under 2.5 V. The voltage stays steady across the filament.
I will eventually find it, but sure appreciate the help. If the xmtr had not worked before I would probably give up. I envsion finding the problem at 5:59 next Sunday night :)
73
Carl
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From: Ron Barlow <imalowfer@...>
To: AWAGroup@yahoogroups.com
Sent: Mon, 09 Dec 2013 01:54:47 -0000 (UTC)
Subject: Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

Hi Carl,
I cannot conceive of any way that the grid cap could cause the problem that you describe (but I have been "wrong" before, several thousand times!).
Something that effectively shunts the key is apparently breaking down. There are not many possibilities, if your transmitter is an exact duplicate of the drawing.
Some possibilities (some of them would be improbable, but sometimes the improbable does happen) would include the filament transformer, an insulation breakdown in the wiring to the key, an insulation problem in the key, itself, rosin residue in the wiring to R-1 (or elsewhere in the filament circuit), that has become carbonized, and thus has become conductive, etc.

There would be a substantial amount of voltage, across the key contacts, when the key is not closed/depressed.

Are you using a straight key, Carl?? A keying relay?? I suggest unplugging the key, and any keying relay (or disconnecting it, if no jack and plug are used), to see if the problem vanishes, before trying anything else.

GL & 73 de Ron n4gjv

PS: Murph visited me, also. When I operated my T/R device (a knife switch), to switch my antenna to my transmitter, the contact broke, on the knife switch. I was unable to locate another knife switch in my junk piles, so I replaced the knife switch with a SPDT panel mounted type toggle switch.

From: Carl Nord <chnord@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 8, 2013 3:27 PM
Subject: RE: [AWA Group] Murphy is Haunting Me- TGTP Problem

Larry and Ron
Well you were both right. Sort of…
I replaced both those caps with brand new ones and it worked as it should. Then I began noticing a ticking, like the transmitter would transmit for a microsecond, barely moving the PA meter.
Eventually it returned to its old ways of just oscillating on its own.
The only part left is the cap in the grid circuit. That’s net when I feel like attacking it…
Thanks for the input and I will fix this beast.

Carl Nord
WA1KPD

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Sunday, December 08, 2013 9:22 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

On 12/7/13 9:11 PM, Ron Barlow wrote:
Hi Carl,
>
> If I understand the problem correctly, I suspect that one or both C3 caps have failed. I would suggest replacing both caps, even if only one is kaput. Another, less likely possibility, is that the filament transformer insulation is breaking down between the secondary winding and its frame.
>
Carl, I concur with Ron's analysis.

I really don't see how dust could possibly reduce the resistance enuff to key the rig, much less to a few ohms, unless it's gold dust, HI!

73,
-Larry/NE1S

8757. Re: [AWA Group] W7OIL on BK next weekend?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-09 23:48:58 UTC
From: STEVE MCDONALD
Topic: 8752 Message: 8757

Great to hear that Dan! I'll keep an ear out for you. What kind of antenna will you be using or have you commandeered some unsuspecting local with an 80m dipole??

Steve

Next week I shall dust off the "Double-M" transmitter that uses a single #27. It operates on 80 meters so if the creeks don't rist I'll try to be on next weekend.

73,
Dan - W7OIL
Vancouver, WA, USA

8758. Re: [AWA Group] W7OIL on BK next weekend?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 01:22:13 UTC
From: Ron Barlow
Topic: 8752 Message: 8758

Hi Dan,
 GL with your efforts to become QRV for the fun-fest, next weekend!
 I had no clue about what a "Double-M" is, until I plugged that name into a search engine.
Nice looking transmitter & interesting design! It would appear that the use of UT-141 coax, for the tank coil, would be a viable option.
73 de Ron n4gjv

From: Daniel Petersen <dan.w7oil@...>
To: awagroup <AWAGroup@yahoogroups.com>
Sent: Monday, December 9, 2013 1:01 AM
Subject: [AWA Group] W7OIL on BK next weekend?

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73,
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Vancouver, WA, USA

8759. Re: [AWA Group] bk so far

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 01:23:30 UTC
From: Whitebear1122
Topic: 8755 Message: 8759

It was great working you Barry and glad I was one of the 7 amigos. You had a great signal into MN!. 73, Scott WA9WFA
On Dec 9, 2013, at 12:08 PM, barry whittemore <wb1edi@...> wrote:

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> I am ready for next weekend though, i will be in 10 meter contest as well but hope to get more BK time.
> Look for you all next weekend.
> Barry
> NF1O
>

8760. Re: [AWA Group] W7OIL on BK next weekend?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 01:32:22 UTC
From: Whitebear1122
Topic: 8752 Message: 8760

YES please dust off the Double M and put her on the air for the BK 29 QSO Party next weekend. There will likely be a massive pile up to work you in Washington! I don't remember ever working Washington before in the 29 event so you would be rare dx.

73, Scott WA9WFA

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> Dan - W7OIL
> Vancouver, WA, USA
>

8761. Murphy Has Been Defeated !!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 02:33:13 UTC
From: Carl Nord
Topic: 8761 Message: 8761

Ron

I’m not sure what the prize is, but you won it!!

First some background. In previous years I used a nice little 2.5 V xfrmr I have (hiding somewhere) and my Heath bench supply.

Missing my xfrmr I had a nicely built small HB one on a black crinkle chassis that I picked up at a fest probably 5+ years ago. All I ever did was replace the old caps. Simple enough to calculate the dropping resistor for the filament and off I went. Well after reading your email tonight, I took a peek inside and you were correct. one of the 6.3 windings (no CT) was indeed connected directly to the ground of the HV (375 V) supply. Oddly the filament external terminals were insulated from the chassis. Removed that connection, restored the old components on the rig and as Jackie Gleason used to say, “Away we go”. I can hear the chirp in the rcvr. and the FS meter is moving so tomorrow night I will check the PO. Input is 30 mils at 400V. I think what I will do is drop the AC in a bit with a variac to get to the 10 watts input if the step below does not change things enough.

I remember I used to get a god PA dip in the vicinity of the BK frequencies, which is not happening so I am going to take a look at my grid coils. I also seem to have misplaced my 40 Plate meter coil. Is it cricket to short the hot end of the 80 meter plate coil down to the number of turns needed with a clip lead? I hate to buy a roll of that tubing for a single 40 meter coil… The GDO says it works…..

Ron (and Larry) thank you very much for the input and help. It was so aggravating as the rig is so simple and has worked in the past. I hoped to find the issue this week and I have. Now I hope to work you both next weekend.

Best 73

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Ron Barlow
Sent: Monday, December 09, 2013 3:35 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Murphy is Haunting Me- TNT Problem

Hi again Carl,

There are only ~ 3 possibilities remaining, as far as I can see.

Have you measured the resistance (with all power removed), from either side of the filament, and the negative side of the high voltage power supply? This test should indicate an infinite resistance reading. Anything less than infinity would raise a red flag.

I do not see R-1 on the xmtr photo, thus I do not know how it is constructed. If it is located on the power supply, and the latter has a metal chassis, it is possible that there is leakage between some portion of R-1 and the chassis. Also, the key jack could have a leakage issue.

To eliminate both of these possibilities, disconnect the leads from both ends of R-1. Tape these leads, or otherwise prevent them from accidental contact with you, or anything else, and apply power. Does the problem remain? If yes, the filament transformer (or its secondary leads, where they pass thru a hole in the metal chassis) is suspect.

The fact that the transmitter previously worked ok, and has begun to malfunction, after changing the transformer, may be more than a coincidence. Unfasten the transformer from the chassis, and insulate it from the metal chassis by some sort of insulating material--plastic, etc. Remember that the key up voltage, on the 45 filament, and its associated wiring, will be ~ 150 volts or so, so be careful. If the transformer does have a leakage problem, the core and frame of the transformer, will assume that ~ 150 volt level, when power is applied.

You mentioned an added resistor in series with the filament transformer secondary winding. Is this resistor mounted on a bakelite terminal strip? A leakage here could also cause the described problem. Does the filament transformer secondary winding have a center tap, that is not well insulated from the power supply chassis?

I hope that you are able to sort out the problem, before next weekends fun and festivities begin!

73 de Ron

From: Carl Nord WA1KPD <chnord@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 8, 2013 9:22 PM
Subject: Re: [AWA Group] Murphy is Haunting Me- TNT Problem

Hi Ron,

Thanks again. We can remove the key and wiring as an element since I have yet to connect it.

I took the tube socket out (ceramic) and cleaned it top and bottom with contact cleaner, even though there was no sign of arcing. The socket receptacles show some discoloration almost like silver oxidation but I cleaned that too.

I am not using my 2.5 volt filament transformer as have misplaced it, but am using a regular 6.3 volt transformer with several ohms of resistance in one leg, which brings it to just under 2.5 V. The voltage stays steady across the filament.

I will eventually find it, but sure appreciate the help. If the xmtr had not worked before I would probably give up. I envsion finding the problem at 5:59 next Sunday night :)

73

Carl

----- Original Message -----
From: Ron Barlow <imalowfer@...>

To: AWAGroup@yahoogroups.com
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Subject: Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

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Carl, I concur with Ron's analysis.

I really don't see how dust could possibly reduce the resistance enuff to key the rig, much less to a few ohms, unless it's gold dust, HI!

73,
-Larry/NE1S

8762. RE: Further looping

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 02:34:53 UTC
From: <dulmagedon@...>
Topic: 8730 Message: 8762

When the covers were put back on the ARC5 it was unmanageable with the loop. I removed the loop and returned it to cathode modulation. The best results are with my TNT and the regen transceiver two tuber. I have been using them as time permits on 40M on or about 7118 . Wish I had some AWA style hams nearby. I feel like a cigar salesman in a hospital here. No AM no CW just plug and play from what I am told. Anyway I will keep trying.
Don

8763. RE: Murphy Has Been Defeated !!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 03:02:47 UTC
From: <dulmagedon@...>
Topic: 8761 Message: 8763

Re the 2.5 heater thing. I built a PS but like most it only had 6.3 or 12.6 .Over the yeaars I used various solutions but the most recent has proved the best. I Canadian Tire they sell in automotive an old time heater motor control switch. Like the one on you granddads old Fargo pickup . Why they do I have no idea as who would need it BUT since I am a mechanic b profession I knew it would work as a variable dropping resistor for my filaments. I installed it in the radio itself and it allows me to run 5 volt or 2.5 volt tubes just by the twist of the tree position switch. I have had it in about a year and it has served me well. Cost was under $10 I think if memory serves me. I know that NAPA also carries the same switch or can supply it overnite for those south of the border
Don

8764. Re: [AWA Group] W7OIL on BK next weekend?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 06:02:25 UTC
From: Daniel Petersen
Topic: 8752 Message: 8764

I have never thought of myself as "rare DX"! We shall see what my mighty 2 watts will do! 8^)
I have 2 antennas available, the 70-foot wire just above the roof peak and the 16-foot flagpole. Not much in comparison to what I had before but better than nothing. I am working on a Hartley for 40 meters now. No promises but we'll see how it does.
73,
Dan - W7OIL

On Mon, Dec 9, 2013 at 5:32 PM, Whitebear1122 <whitebear1122@...>wrote:

>
>
> YES please dust off the Double M and put her on the air for the BK 29 QSO
> Party next weekend. There will likely be a massive pile up to work you in
> Washington! I don't remember ever working Washington before in the 29
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> next weekend.
>
> 73,
> Dan - W7OIL
> Vancouver, WA, USA
>
>
>
>

--

73,
Dan - W7OIL

8765. DX on the TNT

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 11:11:58 UTC
From: <dulmagedon@...>
Topic: 8765 Message: 8765

I have been spending at least 20minutes each night CQ ing before I turn in with one of my vintage style rigs. This morning I got an Email from a ham in Franklinville NJ saying he heard my CQ, signal was strong but seemed strange and moved around a bit. Seems folks not into vintage 29 gear are nervous about QSOing with such stuff. I imagine the moving around was from the wind in the antenna which was fairly strong last evening. He could have told me that on the air. This is the Third Email sig report I have gotten . Last was for my transceiver two tuber (56/42). Before that it was for my bare essentials rig although that may have been my fault as I may not have spotted it right(receiver) as that fellow did try to reply.I use a back up Rx now always. Frustrating to discover you are getting out and on freq but no live reply. Tonite I am going to call CQ on this computer and see if I get an answer on 40M :>)
To have him say signal was quite strong as he put it makes me happy to know the 45 is up to the job. I will see if I can improve the rig any today so the plug and play group cant tell the difference
Don

8766. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 11:16:56 UTC
From: Louis Vermond
Topic: 130 Message: 8766

Uncommon socket/Buy it Now

http://www.ebay.com/itm/Antique-Vintage-1920s-1930s-Insoline-Insulex-4-Pin-Tube-Radio-Porcelain-Socket/190987787306?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D3294389257720274129%26pid%3D100084%26prg%3D1115%26rk%3D8%26rkt%3D8%26sd%3D261351090602%26&ssPageName=ADME:B:SS:US:3160

8767. looping & Don

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 11:46:09 UTC
From: Louis Vermond
Topic: 8767 Message: 8767

Would still like to know Lou what band or bands you use yours on so we could loop the loop so to speak.

Gm Don,

After the Kelley Party dust has settled we'll try a loop AM QSO on 80 and 40. As well, I have an English amateur wireless text dated 1924 having a section on absorption modulation that will have you experimenting for weeks. I will scan that section and upload to a Group file later in the week. Stay tuned...

73, Lou
VE3AWA

8768. Re: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 12:14:21 UTC
From: Louis Vermond
Topic: 8718 Message: 8768

Well 40m here is terrible. It looks like another coronal hole has hit us as the Bz has gone strongly south, almost auroral condx now...K index shot to up to 4. It may be an early night :0(

Guess this sis the explanation I requested a few Es back this morning. Yup, I see it clearly now....

8769. RE: [AWA Group] bk so far

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 12:30:34 UTC
From: barry whittemore
Topic: 8755 Message: 8769

Thanks Scott, it was fun working all i could. I hope to get some more next weekend. No 160 for me but 80 and 40 is working well.

Band switching is not a simple as my K3 but still only takes a few mins.

73

barry

NF1O

To: AWAGroup@yahoogroups.com
From: whitebear1122@...
Date: Mon, 9 Dec 2013 19:23:30 -0600
Subject: Re: [AWA Group] bk so far

It was great working you Barry and glad I was one of the 7 amigos. You had a great signal into MN!. 73, Scott WA9WFA

On Dec 9, 2013, at 12:08 PM, barry whittemore <wb1edi@...> wrote:

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I am ready for next weekend though, i will be in 10 meter contest as well but hope to get more BK time.
Look for you all next weekend.
Barry
NF1O

8770. RE: looping & Don

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 13:09:13 UTC
From: <dulmagedon@...>
Topic: 8767 Message: 8770

Great Lou, I will look forward to that. I will be in Germany during this weekends BK so I am trying to work a few with the TNT just for fun today and tomorrow.
Don

8771. Re: [AWA Group] Murphy Has Been Defeated !!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 16:19:23 UTC
From: Larry Szendrei
Topic: 8761 Message: 8771

Hi Carl,

Glad you found it!

Use the Variac on the primary of the plate transformer, not the filament transformer. If the HV and filament are supplied by separate windings on the same core adjust the value of your filament dropping resistor to maintain 2.5V +/- 5% at the 45 filament, which will of course vary with the setting of the Variac on the primary. Too low, as well as too high, a filament voltage will damage the emissive coating on coated heaters (like what's used on the 45).

Shorting out turns on the tank coil to hit a higher frequency band can have problems; but often it will work, so I'd try it before winding another coil.

Hope to work you next weekend, Carl!

73,
-Larry/NE1S

On 12/9/13 9:33 PM, Carl Nord wrote:
>
> Ron
>
> I’m not sure what the prize is, but you won it!!
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> First some background. In previous years I used a nice little 2.5 V
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> crinkle chassis that I picked up at a fest probably 5+ years ago. All
> I ever did was replace the old caps. Simple enough to calculate the
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> *Sent:* Monday, December 09, 2013 3:35 PM
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> that is not well insulated from the power supply chassis?
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> I hope that you are able to sort out the problem, before next
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> 73 de Ron
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> There would be a substantial amount of voltage, across the key
> contacts, when the key is not closed/depressed.
>
> Are you using a straight key, Carl?? A keying relay?? I suggest
> unplugging the key, and any keying relay (or disconnecting it, if no
> jack and plug are used), to see if the problem vanishes, before trying
> anything else.
>
> GL & 73 de Ron n4gjv
>
> PS: Murph visited me, also. When I operated my T/R device (a knife
> switch), to switch my antenna to my transmitter, the contact broke, on
> the knife switch. I was unable to locate another knife switch in my
> junk piles, so I replaced the knife switch with a SPDT panel mounted
> type toggle switch.
>
> From*:*Carl Nord <chnord@... <mailto:chnord@...>>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* Sunday, December 8, 2013 3:27 PM
> *Subject:* RE: [AWA Group] Murphy is Haunting Me- TGTP Problem
>
> Larry and Ron
>
> Well you were both right. Sort of…
>
> I replaced both those caps with brand new ones and it worked as it
> should. Then I began noticing a ticking, like the transmitter would
> transmit for a microsecond, barely moving the PA meter.
>
> Eventually it returned to its old ways of just oscillating on its own.
>
> The only part left is the cap in the grid circuit. That’s net when I
> feel like attacking it…
>
> Thanks for the input and I will fix this beast.

>
> Carl Nord
>
> WA1KPD
>
> *From:*AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> [mailto:AWAGroup@yahoogroups.com] *On Behalf Of *Larry Szendrei
> *Sent:* Sunday, December 08, 2013 9:22 AM
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Subject:* Re: [AWA Group] Murphy is Haunting Me- TGTP Problem
>
> On 12/7/13 9:11 PM, Ron Barlow wrote:
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> Hi Carl,
>
> If I understand the problem correctly, I suspect that one or both
> C3 caps have failed. I would suggest replacing both caps, even if
> only one is kaput. Another, less likely possibility, is that the
> filament transformer insulation is breaking down between the
> secondary winding and its frame.
>
> Carl, I concur with Ron's analysis.
>
> I really don't see how dust could possibly reduce the resistance enuff
> to key the rig, much less to a few ohms, unless it's gold dust, HI!
>
> 73,
> -Larry/NE1S
>
>

8772. Tube Tabulation for 1929 and before ?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 17:30:39 UTC
From: Doug Forbes
Topic: 8761 Message: 8772

Has anybody OCR'd the tube tabulation in the Sept 1932 QST ? I didn't want to re-invent the wheel.

Thanks,

Doug Forbes WA6VYN

8773. Re: [AWA Group] W7OIL on BK next weekend?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 18:42:54 UTC
From: Larry Szendrei
Topic: 8752 Message: 8773

On 12/9/13 8:22 PM, Ron Barlow wrote:
>
> I had no clue about what a "Double-M" is

Mickey Mouse! ;-)

73,
-Larry/NE1S

8774. Re: [AWA Group] Murphy Has Been Defeated !!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 19:00:13 UTC
From: STEVE MCDONALD
Topic: 8761 Message: 8774

Carl - I find that my 80m plate tank will also tune nicely to 40m so you may get by with doing that but since you are using a TNT I believe, you will need a new grid coil for sure.

Steve / VE7SL

8775. Re: [AWA Group] The 26 Colpitts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 19:20:51 UTC
From: Larry Szendrei
Topic: 8740 Message: 8775

On 12/8/13 11:04 AM, Mark wrote:
>
> □
>
> Scott,
> Nice looking rig ! It was great to work you last night, it has been a
> few years ! Overall, I found it pretty rough going, with signals
> very weak and fairly high line noise here. I only worked 80 meters
> using my 1929 Hartley and my HRO Senior - a grand total of 5 stations
> worked in BC (VE7SL), MN (KB0ROB, K0KP, WA9WFA), and MT (KK7UV
>). N3GJ in PA was close but can't officially count him - I got
> everything but the rig and power he was using ! Attached is the 1929
> station this year. Next week I might try a more modern receiver that
> has better filtering with the Hartley.
> 73 Mark ABØCW
>
Mark,

Is the eye tube on the Breting 9 original?

My Breting 9 has a control marked "silencer" (noise limiter) at that
location, and it is original.

Maybe yours is an earlier version, or a prototype?

73,
-Larry/NE1S

8776. Re: [AWA Group] The 26 Colpitts

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 19:39:04 UTC
From: mbdittmar@...
Topic: 8740 Message: 8776

Hi Larry, it certainly looks factory / stock to me. I'll look more closely when I get home. It is a fairly recent acquisition and I have not had a chance to look it over carefully. It certainly is possible that it was an earlier model. Not too many pics of these online so not much to compare it to.

I'll keep you posted on what I learn.

73 Mark

----- Original Message -----
From: "Larry Szendrei" <ne1s@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 10, 2013 12:20:51 PM
Subject: Re: [AWA Group] The 26 Colpitts

On 12/8/13 11:04 AM, Mark wrote:

☐
Scott,

Nice looking rig ! It was great to work you last night, it has been a few years ! Overall, I found it pretty rough going, with signals very weak and fairly high line noise here. I only worked 80 meters using my 1929 Hartley and my HRO Senior - a grand total of 5 stations worked in BC (VE7SL), MN (KB0ROB, K0KP, WA9WFA), and MT (KK7UV). N3GJ in PA was close but can't officially count him - I got everything but the rig and power he was using ! Attached is the 1929 station this year. Next week I might try a more modern receiver that has better filtering with the Hartley.

73 Mark ABØCW

Mark,

Is the eye tube on the Breting 9 original?

My Breting 9 has a control marked "silencer" (noise limiter) at that location, and it is original.

Maybe yours is an earlier version, or a prototype?

73,
-Larry/NE1S

8777. What's wrong with this picture?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 23:00:10 UTC
From: Louis Vermond
Topic: 8777 Message: 8777
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8778. RE: [AWA Group] What's wrong with this picture?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 23:05:32 UTC
From: barry whittemore
Topic: 8777 Message: 8778
Attachments: 1 described; binary payloads are missing from this source WARC

i think she just wrecked the car
barry
nf1o

To: AWAGroup@yahoogroups.com
From: ldvermond@...
Date: Tue, 10 Dec 2013 18:00:10 -0500
Subject: [AWA Group] What's wrong with this picture?

8779. 1932 Tube Tabulation spreadsheet attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-10 23:16:26 UTC
From: Doug Forbes
Topic: 8761 Message: 8779
Attachments: 1 described; binary payloads are missing from this source WARC

I got impatient and did it myself. So here it is if anyone else wants it.

Doug Forbes WA6VYN

8780. 160 Meter Coil Is Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 02:28:57 UTC
From: Whitebear1122
Topic: 8740 Message: 8780

Sunday I wound an experimental 3.5" coil for 160m using #12 AWG solid insulated wire, and Duct tape to hold the whole thing together. I wanted to use the same 500 pf total capacitance that I use for 80m. I didn't think I could get enough inductance with copper tubing in the same space as the 80m coil so I tried a tightly wound coil of 12 AWG. Apparently I was having too much fun winding the coil and I ended up with too much inductance and the transmitter was working great at 1420 Khz. Oops. Slowly removed turns until it came into range. I was able to get around 9 watts output for 18 watts input, so that will give me 5 some watts for 10 watts input. The signal was very stable too. Tonight 160m was ripped up with line noise so it was unusable. I hope the band is quiet next Saturday night. I better plan ahead and set up my noise reducer in anticipation of line noise and racket.

Out of curiosity I wound an 80 meter coil using the same 12 AWG technique but found that it didn't work well at all. I couldn't get the SWR down to a reasonable range. It was oscillating down the at 3400 or so but I wasn't able to resolve the SWR problem. Odd since I was able to use my tuner to get the antenna to 160 meters. I'll take another look tomorrow night.

Hope to work some of the 160m guys Saturday night. 73, Scott WA9WFA

8781. Re: [AWA Group] 160 Meter Coil Is Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 02:50:43 UTC
From: Louis Vermond
Topic: 8740 Message: 8781

If conditions are "normal" for 160, what will be the time window for operation in the N.E & Midwest? Lou

----- Original Message -----
From: Whitebear1122
To: AWAGroup@yahoogroups.com
Sent: 2013-12-10 9:28 PM
Subject: [AWA Group] 160 Meter Coil Is Working

Sunday I wound an experimental 3.5" coil for 160m using #12 AWG solid insulated wire, and Duct tape to hold the whole thing together. I wanted to use the same 500 pf total capacitance that I use for 80m. I didn't think I could get enough inductance with copper tubing in the same space as the 80m coil so I tried a tightly wound coil of 12 AWG. Apparently I was having too much fun winding the coil and I ended up with too much inductance and the transmitter was working great at 1420 Khz. Oops. Slowly removed turns until it came into range. I was able to get around 9 watts output for 18 watts input, so that will give me 5 some watts for 10 watts input. The signal was very stable too. Tonight 160m was ripped up with line noise so it was unusable. I hope the band is quiet next Saturday night. I better plan ahead and set up my noise reducer in anticipation of line noise and racket.

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Hope to work some of the 160m guys Saturday night. 73, Scott WA9WFA

8782. Re: [AWA Group] 160 Meter Coil Is Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 03:06:55 UTC
From: Whitebear1122
Topic: 8740 Message: 8782

I'd like to know as well as this will be my first time on 160m in the BK 29. I'm planning to start out on on 80m and shift to 160m "sometime" later. 73, Scott WA9WFA

On Dec 10, 2013, at 8:50 PM, Louis Vermond <ldvermond@sympatico.ca> wrote:

>
>
> If conditions are "normal" for 160, what will be the time window for operation in the N.E & Midwest? Lou
>
>

8783. Re: [AWA Group] W7OIL on BK next weekend?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 03:43:54 UTC
From: Daniel Petersen
Topic: 8752 Message: 8783

Double-M: Look on http://www.w7oil.com cunningly concealed in the
"Double-M" page. You have to wear a shirt and tie & smoke a pipe to use it.
Unless you're a kid, then no smoking. 8^)
73,
Dan - W7OIL

On Tue, Dec 10, 2013 at 10:42 AM, Larry Szendrei <ne1s@...>wrote:

>
>
> On 12/9/13 8:22 PM, Ron Barlow wrote:
>
>
>
> I had no clue about what a "Double-M" is
>
>
> Mickey Mouse! ;-)
>
> 73,
> -Larry/NE1S
>
>
>

--

73,
Dan - W7OIL

8784. Re: [AWA Group] 160 Meter Coil Is Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 03:53:35 UTC
From: dickens501@frontiernet.net
Topic: 8740 Message: 8784

I'll be looking for you folks on 160 saturday night with my 27 tube hartley running two watts out.
Tom
w0lgu

From: Whitebear1122 <whitebear1122@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 10, 2013 8:28 PM
Subject: [AWA Group] 160 Meter Coil Is Working

Sunday I wound an experimental 3.5" coil for 160m using #12 AWG solid insulated wire, and Duct tape to hold the whole thing together. I wanted to use the same 500 pf total capacitance that I use for 80m. I didn't think I could get enough inductance with copper tubing in the same space as the 80m coil so I tried a tightly wound coil of 12 AWG. Apparently I was having too much fun winding the coil and I ended up with too much inductance and the transmitter was working great at 1420 Khz. Oops. Slowly removed turns until it came into range. I was able to get around 9 watts output for 18 watts input, so that will give me 5 some watts for 10 watts input. The signal was very stable too. Tonight 160m was ripped up with line noise so it was unusable. I hope the band is quiet next Saturday night. I better plan ahead and set up my noise reducer in anticipation of line noise and racket.

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Hope to work some of the 160m guys Saturday night. 73, Scott WA9WFA

8785. Re: [AWA Group] 160 Meter Coil Is Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 05:12:37 UTC
From: STEVE MCDONALD
Topic: 8740 Message: 8785

>If conditions are "normal" for 160, what will be the time window for operation in the N.E & Midwest? Lou

I'll suggest that we all meet on 160 from 0300Z-0430Z...should be good by then from the west coast...and one hour should be ample for everyone to work everyone else.....others??

Steve / VE7SL

8786. Re: [AWA Group] Murphy Has Been Defeated !!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 05:26:24 UTC
From: Ron Barlow
Topic: 8761 Message: 8786

Hi Carl,

Congtratulations on your success!!!
I will certainly look forward to hearing your signal, and hopefully, having a QSO with you, this weekend!

I do not know how much loss would result, as a consequence of the shorted turns. Like Larry, I have never been very enthusiastic about that idea, even though it is often done on QRO power amplifiers, etc.
If you do use that method, I would suggest using a rather large diameter conductor, and a good solid connection, for the "short", to minimize losses.
It might be interesting to compare the results obtained when using a "short", vs simply leaving the unused turns unterminated. According to some unremembered source, the latter method can produce problems, also. I would not expect problems in your case, however, as there are not enough turns involved to create a self resonance condition.

As a coincidence, I am attempting to hastily construct a Hartley, for 160m, before the weekend. I plan to hasten the construction, by using a junkbox inductor, for the tank circuit, that has more inductance than desired, for a reasonable L/C ratio. The inductor is wound on a grooved ceramic form, so removing the excess turns probably would not work well.
Therefore, I have a similar situation, to yours, Carl! If I am able to finish the transmitter, in time, I will test it both ways, and will advise you of the results.

I must also erect some sort of skywire, before Saturday eve, plus I have other activities planned, so being ready, in time, is far from being a certainty!

GL this weekend & Vy 73 de Ron n4gjv

From: Carl Nord <chnord@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 9, 2013 9:33 PM
Subject: [AWA Group] Murphy Has Been Defeated !!!!

Ron

I’m not sure what the prize is, but you won it!!

First some background. In previous years I used a nice little 2.5 V xfrmr I have (hiding somewhere) and my Heath bench supply.

Missing my xfrmr I had a nicely built small HB one on a black crinkle chassis that I picked up at a fest probably 5+ years ago. All I ever did was replace the old caps. Simple enough to calculate the dropping resistor for the filament and off I went. Well after reading your email tonight, I took a peek inside and you were correct. one of the 6.3 windings (no CT) was indeed connected directly to the ground of the HV (375 V) supply. Oddly the filament external terminals were insulated from the chassis. Removed that connection, restored the old components on the rig and as Jackie Gleason used to say, “Away

we go”. I can hear the chirp in the rcvr. and the FS meter is moving so tomorrow night I will check the PO. Input is 30 mils at 400V. I think what I will do is drop the AC in a bit with a variac to get to the 10 watts input if the step below does not change things enough.

I remember I used to get a god PA dip in the vicinity of the BK frequencies, which is not happening so I am going to take a look at my grid coils. I also seem to have misplaced my 40 Plate meter coil. Is it cricket to short the hot end of the 80 meter plate coil down to the number of turns needed with a clip lead? I hate to buy a roll of that tubing for a single 40 meter coil… The GDO says it works…..

Ron (and Larry) thank you very much for the input and help. It was so aggravating as the rig is so simple and has worked in the past. I hoped to find the issue this week and I have. Now I hope to work you both next weekend.

Best 73

Carl Nord
WA1KPD

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Ron Barlow
Sent: Monday, December 09, 2013 3:35 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Murphy is Haunting Me- TNT Problem

Hi again Carl,

There are only ~ 3 possibilities remaining, as far as I can see.

Have you measured the resistance (with all power removed), from either side of the filament, and the negative side of the high voltage power supply? This test should indicate an infinite resistance reading. Anything less than infinity would raise a red flag.

I do not see R-1 on the xmtr photo, thus I do not know how it is constructed. If it is located on the power supply, and the latter has a metal chassis, it is possible that there is leakage between some portion of R-1 and the chassis. Also, the key jack could have a leakage issue.
To eliminate both of these possibilities, disconnect the leads from both ends of R-1. Tape these leads, or otherwise prevent them from accidental contact with you, or anything else, and apply power. Does the problem remain? If yes, the filament transformer (or its secondary leads, where they pass thru a hole in the metal chassis) is suspect.
The fact that the transmitter previously worked ok, and has begun to malfunction, after changing the transformer, may be more than a coincidence. Unfasten the transformer from the chassis, and insulate it from the metal chassis by some sort of insulating material--plastic, etc. Remember that the key up voltage, on the 45 filament, and its associated wiring, will be ~ 150 volts or so, so be careful. If the transformer does have a leakage problem, the core and frame of the transformer, will assume that ~ 150 volt level, when power is applied.

You mentioned an added resistor in series with the filament transformer secondary winding. Is this resistor mounted on a bakelite terminal strip? A leakage here could also cause the described problem. Does the filament transformer secondary winding have a center tap, that is not well insulated from the power supply chassis?

I hope that you are able to sort out the problem, before next weekends fun and festivities begin!

73 de Ron

From:Carl Nord WA1KPD <chnord@comcast.net>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 8, 2013 9:22 PM
Subject: Re: [AWA Group] Murphy is Haunting Me- TNT Problem

Hi Ron,
Thanks again. We can remove the key and wiring as an element since I have yet to connect it.
I took the tube socket out (ceramic) and cleaned it top and bottom with contact cleaner, even though there was no sign of arcing. The socket receptacles show some discoloration almost like silver oxidation but I cleaned that too.
I am not using my 2.5 volt filament transformer as have misplaced it, but am using a regular 6.3 volt transformer with several ohms of resistance in one leg, which brings it to just under 2.5 V. The voltage stays steady across the filament.
I will eventually find it, but sure appreciate the help. If the xmtr had not worked before I would probably give up. I envsion finding the problem at 5:59 next Sunday night :)
73
Carl
----- Original Message -----
From: Ron Barlow <imalowfer@...>
To: AWAGroup@yahoogroups.com
Sent: Mon, 09 Dec 2013 01:54:47 -0000 (UTC)
Subject: Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

Hi Carl,
I cannot conceive of any way that the grid cap could cause the problem that you describe (but I have been "wrong" before, several thousand times!).
Something that effectively shunts the key is apparently breaking down. There are not many possibilities, if your transmitter is an exact duplicate of the drawing.
Some possibilities (some of them would be improbable, but sometimes the improbable does happen) would include the filament transformer, an insulation breakdown in the wiring to the key, an insulation problem in the key, itself, rosin residue in the wiring to R-1 (or elsewhere in the filament circuit), that has become carbonized, and thus has become conductive, etc.

There would be a substantial amount of voltage, across the key contacts, when the key is not closed/depressed.

Are you using a straight key, Carl?? A keying relay?? I suggest unplugging the key, and any keying relay (or disconnecting it, if no jack and plug are used), to see if the problem vanishes, before trying anything else.

GL & 73 de Ron n4gjv

PS: Murph visited me, also. When I operated my T/R device (a knife switch), to switch my antenna to my transmitter, the contact broke, on the knife switch. I was unable to locate another knife switch in my junk piles, so I replaced the knife switch with a SPDT panel mounted type toggle switch.

From:Carl Nord <chnord@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 8, 2013 3:27 PM
Subject: RE: [AWA Group] Murphy is Haunting Me- TGTP Problem

Larry and Ron
Well you were both right. Sort of…
I replaced both those caps with brand new ones and it worked as it should. Then I began noticing a ticking, like the transmitter would transmit for a microsecond, barely moving the PA meter.
Eventually it returned to its old ways of just oscillating on its own.
The only part left is the cap in the grid circuit. That’s net when I feel like attacking it…
Thanks for the input and I will fix this beast.

Carl Nord
WA1KPD

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Sunday, December 08, 2013 9:22 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] Murphy is Haunting Me- TGTP Problem

On 12/7/13 9:11 PM, Ron Barlow wrote:
Hi Carl,
>
> If I understand the problem correctly, I suspect that one or both C3 caps have failed. I would suggest replacing both caps, even if only one is kaput. Another, less
likely possibility, is that the filament transformer insulation is breaking down between the secondary winding and its frame.
>
Carl, I concur with Ron's analysis.

I really don't see how dust could possibly reduce the resistance enuff to key the rig, much less to a few ohms, unless it's gold dust, HI!

73,
-Larry/NE1S

8787. Re: [AWA Group] 160 Meter Coil Is Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 05:37:29 UTC
From: Louis Vermond
Topic: 8740 Message: 8787

I'll suggest that we all meet on 160 from 0300Z-0430Z...should be good by then from the west coast...and one hour should be ample for everyone to work everyone else.....others??
Sounds good to me, Steve. Lou

8788. Re: [AWA Group] W7OIL on BK next weekend?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 05:43:23 UTC
From: Louis Vermond
Topic: 8752 Message: 8788

The "Double-M" Transmitter for 80 meters

http://www.w7oil.com/Double-M.htm <<< Well done, Dan.

8789. Re: [AWA Group] 1932 Tube Tabulation spreadsheet attached [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 06:04:07 UTC
From: Ron Barlow
Topic: 8761 Message: 8789

Hi Doug,

Your spreadsheet looks great! Thanks!

I did notice that the 841 is listed as a voltage amplifier, and the specs do list that possible usage. However it is also used as a power amplifier, as it has a plate dissipation rating of 12 watts, and easily capable of the "legal limit", for the BK QSO party.
It is essentially a higher mu (mu of 30) version of the much better known 210 (mu of 8), aka as type 10.

I only mention this to prevent it from being overlooked as a candidate for a BK type transmitter.

73 de Ron n4gjv

From: Doug Forbes <dougforbes@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 10, 2013 6:16 PM
Subject: [AWA Group] 1932 Tube Tabulation spreadsheet attached [1 Attachment]

I got impatient and did it myself. So here it is if anyone else wants it.

Doug Forbes WA6VYN

8790. RE: [AWA Group] 160 Meter Coil Is Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 11:32:54 UTC
From: Steve Flood
Topic: 8740 Message: 8790

I'll suggest that we all meet on 160 from 0300Z-0430Z...should be good by then from the west coast...and one hour should be ample for everyone to work everyone else.....others?? Sounds good to me, Steve. Lou

Same here. See you then. The other Steve.

8791. Magnetic Modulator Information Wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 11:53:38 UTC
From: <N3IBX@...>
Topic: 8791 Message: 8791

Hello All,
With all the postings going on over loop modulation I haven’t heard anyone mention anything about a “Magnetic Modulator” or a absorption modulation transformer. I’m wondering if anyone else may have one?

I have RCA part # UT1357, a magnetic modulator for a 50W tube that was made available in the 1921 RCA Amateur Catalog and was wondering if anyone else every experimented with one. I’d like to hear from you! It has four hookups, two marked A (for A battery?) and another two marked P (for the plate?) and would like to know the proper hookup of it if anyone knows.

I’m considering building something for use in the 160M band since that’s where a modulated oscilator would be the most stable. I also have a DeForest 203 I can use as the oscillator and perhaps a RCA UV-202 as the speech amp to keep it as authentic as possible to 1921.

I’m also wondering if a garden variety audio transformer would work as a absorption modulation transformer so others can give it a try.

Has anyone ever tried a transformer like the aforementioned in a circuit and if so how did you hook it up? How well did it modulate the oscillator? I’d be very anxious to find out and any information will be greatfully appreciated!

Mod-U-Later,
Joe Cro N3IBX

8792. Re: [AWA Group] 160 Meter Coil Is Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 13:39:41 UTC
From: Dave VanDenburg
Topic: 8740 Message: 8792

Works for me as well. I will pass to the other Glow Worms in the Mid West.

See you there.

Dave

From: Steve Flood <kk7uv@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 11, 2013 6:32 AM
Subject: RE: [AWA Group] 160 Meter Coil Is Working

I'll suggest that we all meet on 160 from 0300Z-0430Z...should be good by then from the west coast...and one hour should be ample for everyone to work everyone else.....others??
Sounds good to me, Steve. Lou
Same here. See you then. The other Steve.

8793. Re: [AWA Group] 160 Meter Coil Is Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 15:01:48 UTC
From: whitebear1122@...
Topic: 8740 Message: 8793

I'll be there. I hope to work all youse 160m guys :) 73, Scott WA9WFA

----- Original Message -----
From: "STEVE MCDONALD" <ve7sl@shaw.ca>
To: AWAGroup@yahoogroups.com
Cc: AWAGroup@yahoogroups.com
Sent: Tuesday, December 10, 2013 11:12:37 PM
Subject: Re: [AWA Group] 160 Meter Coil Is Working

>If conditions are "normal" for 160, what will be the time window for operation in the N.E & Midwest? Lou

I'll suggest that we all meet on 160 from 0300Z-0430Z...should be good by then from the west coast...and one hour should be ample for everyone to work everyone else.....others??

Steve / VE7SL

8794. Re: [AWA Group] 160 Meter Coil Is Working

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 15:37:43 UTC
From: Larry Szendrei
Topic: 8740 Message: 8794

On 12/11/13 12:12 AM, STEVE MCDONALD wrote:
>
>
> >If conditions are "normal" for 160, what will be the time window for
> operation in the N.E & Midwest? Lou
>
> I'll suggest that we all meet on 160 from 0300Z-0430Z...should be good
> by then from the west coast...and one hour should be ample for
> everyone to work everyone else.....others??
>
> Steve / VE7SL
>
> _
That's when I'll be there, then, assuming I can still function at such
an unGodly hour (I'm a morning person).

73,
-Larry/NE1S

8795. Re: [AWA Group] 1932 Tube Tabulation spreadsheet attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 15:44:27 UTC
From: Larry Szendrei
Topic: 8761 Message: 8795

On 12/11/13 1:04 AM, Ron Barlow wrote:
> Hi Doug,
> Your spreadsheet looks great! Thanks!
>

Yes; thanks, Doug!

> I did notice that the 841 is listed as a voltage amplifier, and the
> specs do list that possible usage. However it is also used as a power
> amplifier, as it has a plate dissipation rating of 12 watts, and
> easily capable of the "legal limit", for the BK QSO party.

That is the tube I use in my Hartley. I find it works much better in the Hartley than the lower-mu tubes such as the '10, '45, '71A - I have tried them all. OTOH, the low-mu types work better in my PPTNT (which presently sports a pair of '71As)

> It is essentially a higher mu (mu of 30) version of the much better
> known 210 (mu of 8), aka as type 10.

Yep.

> I only mention this to prevent it from being overlooked as
> a candidate for a BK type transmitter.
>
Try it, you'll like it! (well, in Mr. Hartley's circuit, anyway)

73,
-Larry/NE1S

8796. RE: Magnetic Modulator Information Wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 16:17:11 UTC
From: <dulmagedon@...>
Topic: 8791 Message: 8796

Joe, Hi there!
not sure what you have there. How about a pic up in he photo albums. My loop modulator that I have been playing with is just a loop , hence the name loop modulation and uses no power.no transformer, just a carbon mic. It is also known as absorbtion modulation. The carbon mic which is a variable resistance absorbs rf from the tank surface into the carbon of the mic cartridge at the rate of the voice modulation. It works very well. So well I find it hard to believe that such a simple device can work so well. If yours is the same and there is no reason to think not then install it near the tank coil (about 1/4 to 1/2 inch away, hook up a carbon mic and talk away. Biggest disadvantage and the reason it will remain unused probably is it is too simple. I had never herd of it till Lou got this rig and told us of it. I have since installed it in every vintage style rig I can. I had it in my ARC5 but in the VFO enclosure .Iit didn't like being enclosed so I removed it. I rethought it this morning and wound 3 turn loop at the top of the PA tank on my 160M ARC5. Dumb thing works just fine. Could probably use one more turn. So do I mean just install the coil and hook up a carbon mic, nothing else. Yes. that is it and you will be surprised how it works. I was on calling CQ on 1886 for a bit tis morning with it. I also have it on my 40M TNT and my 40M flea power Hartley transceiver. Someday I am hoping while I am still above the sod someone will want to hear it and I can hook up on CW then speak into the mic for a quick test. So far no takers. I can understand that. Tis hard to believe such a simple system works . But it does. If you look at the pics of Lou's loop. That is all that is needed plus a carbon mic. I use one with a talk switch so the circuit wont interfere when I am operating CW.
Don

BTW Dan (S.W. RECVR schematic says HI)

8797. Beneath the planet of 1932 Tube Tabulation spreadsheet attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 16:41:19 UTC
From: Doug Forbes
Topic: 8761 Message: 8797
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks guys, I appreciate it.

Attached is more : The text of the 1932 tabulation that the spreadsheet came from, and the tabulation from the 1931 handbook.

Doug Forbes WA6VYN

On 12/11/2013 7:44 AM, Larry Szendrei wrote:
>
>
> On 12/11/13 1:04 AM, Ron Barlow wrote:
>> Hi Doug,
>> Your spreadsheet looks great! Thanks!
>>
>
> Yes; thanks, Doug!
>
>> I did notice that the 841 is listed as a voltage amplifier, and the
>> specs do list that possible usage. However it is also used as a power
>> amplifier, as it has a plate dissipation rating of 12 watts, and
>> easily capable of the "legal limit", for the BK QSO party.
>
> That is the tube I use in my Hartley. I find it works much better in
> the Hartley than the lower-mu tubes such as the '10, '45, '71A - I
> have tried them all. OTOH, the low-mu types work better in my PPTNT
> (which presently sports a pair of '71As)
>
>> It is essentially a higher mu (mu of 30) version of the much better
>> known 210 (mu of 8), aka as type 10.
>
> Yep.
>
>> I only mention this to prevent it from being overlooked as
>> a candidate for a BK type transmitter.
>>
> Try it, you'll like it! (well, in Mr. Hartley's circuit, anyway)
>
> 73,
> -Larry/NE1S
>
>
>

8798. Silver Plated Coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 18:37:52 UTC
From: Garey Barrell
Topic: 8638 Message: 8798

Wireless World, in November of 1970. Says:

"Silver-plating a copper conductor does not, in fact, reduce the r.f. resistance but increases it.The reason is that
electroplated silver and pure wrought silver are not the same.'It was more than likely, in the early days of radio, that
silver plating a coil would increase its Q because (a) the available copper tubing had a higher impurity content, and
hence resistance, and (b) the silver plating processes at the time produced a very pure silver deposit of high
conductivity.'"

The Wireless World article continues: "The conductivity of modern copper has improved, while the bright silver plates
in common use have a much lower conductivity than pure silver.The conductivity of pure silver is 62.5 M u /m; that of a
plate-deposit is 0.07-55 M u /m!The position has thus changed and a silver-plated copper conductor may now give a higher
r.f. resistance than a copper conductor alone."

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>

8799. Re: [AWA Group] Silver Plated Coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 19:06:50 UTC
From: Louis Vermond
Topic: 8638 Message: 8799

And nickel plating?

----- Original Message -----
From: Garey Barrell
To: AWAGroup@yahoogroups.com
Sent: 2013-12-11 1:37 PM
Subject: [AWA Group] Silver Plated Coils?

Wireless World, in November of 1970. Says:

"Silver-plating a copper conductor does not, in fact, reduce the r.f. resistance but increases it.The reason is that
electroplated silver and pure wrought silver are not the same.'It was more than likely, in the early days of radio, that
silver plating a coil would increase its Q because (a) the available copper tubing had a higher impurity content, and
hence resistance, and (b) the silver plating processes at the time produced a very pure silver deposit of high
conductivity.'"

The Wireless World article continues: "The conductivity of modern copper has improved, while the bright silver plates
in common use have a much lower conductivity than pure silver.The conductivity of pure silver is 62.5 M u /m; that of a
plate-deposit is 0.07-55 M u /m!The position has thus changed and a silver-plated copper conductor may now give a higher
r.f. resistance than a copper conductor alone."

73, Garey - K4OAH
Glen Allen, VA

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and TR-4/C Service Supplement CDs
<www.k4oah.com>

8800. Re: [AWA Group] Silver Plated Coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 20:25:27 UTC
From: Garey Barrell
Topic: 8638 Message: 8800

```
I believe nickel is about five times the resistivity of copper.

Silver (Pure) is 1.59 ^-8 ohm/m

Copper (pure) is 1.68 ^-8 ohm/m

Nickel (pure) is 6.99 ^-8 ohm/m

73, Garey - K4OAH
Glen Allen, VA

Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
and TR-4/C Service Supplement CDs
<www.k4oah.com>
```

Louis Vermond wrote:
> □
>
> And nickel plating?
>
> ----- Original Message -----
> *From:* Garey Barrell <mailto:k4oah@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2013-12-11 1:37 PM
> *Subject:* [AWA Group] Silver Plated Coils?
>
>
> Wireless World, in November of 1970. Says:
>
> "Silver-plating a copper conductor does not, in fact, reduce the r.f. resistance but increases it.The reason is that
> electroplated silver and pure wrought silver are not the same.'It was more than likely, in the early days of
> radio, that
> silver plating a coil would increase its Q because (a) the available copper tubing had a higher impurity content, and
> hence resistance, and (b) the silver plating processes at the time produced a very pure silver deposit of high
> conductivity.'"
>
> The Wireless World article continues: "The conductivity of modern copper has improved, while the bright silver plates
> in common use have a much lower conductivity than pure silver.The conductivity of pure silver is 62.5 M u /m; that
> of a
> plate-deposit is 0.07-55 M u /m!The position has thus changed and a silver-plated copper conductor may now give a
> higher
> r.f. resistance than a copper conductor alone."
>
> 73, Garey - K4OAH
> Glen Allen, VA
>

> Drake 2-B, 2-C/2-NT, 4-A, 4-B, C-Line
> and TR-4/C Service Supplement CDs
> <www.k4oah.com>
>
>
>
>
>

8801. RE: Magnetic Modulator Information Wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-11 22:41:08 UTC
From: <dulmagedon@...>
Topic: 8791 Message: 8801

Further
Somewhere back in my mind I remember my radio design engineer father talking about something like this in the early days of FM development for commercial use but your would be for AM. I happened to have scrapped our old TV and had a yoke transformer or deflector sitting in my junk box. I connected the two winding in series and set it on top of my 45 tube with the carbon mike hooked up. I was able even withn this crude deal to get some (not much but some) modulation on a monitor receiver so I suspect that it will work. I am going to guess here so If I am wrong just be made at me for an hour or so.
I would apply some dc to the one winding. Maybe 6 volts say with the fixture over the tube. I would hook a mike across the other coil and see what happens when you talk. From there I would try variatons on that. After all a cathode ray tube is magnetically modulated is is a radar tube I think. Basically you need to be able to disrupt normql tube function in sync with modulation.
I may be way off base but my last guess on loop modulation paid of so I am feeling lucky. I was able to find a old picture of a transformer looking device that was made by RCA that said magnetic modulator. It looked like a glorified transformer. Anyway you have my interest.
Don

8802. Re: [AWA Group] RE: hartley circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 00:53:59 UTC
From: Jim Robson
Topic: 8558 Message: 8802
Attachments: 2 described; binary payloads are missing from this source WARC

AWA Group friends: just a friendly update on the Hartley. It's not oscillating. In the shack, troubleshooting, looks like the biggest difference between 1926 circuits and 2013 versions of the circuits are the capacitor values which range all the way from two of .002 mf in series for the shunt to one 680pf for the grid leak. Some few other minor differences around keying. This faithful version looks good, though....the difference between a blonde and a brunette. 73, Jim.

On 01/12/13 3:35 PM, Jim Robson wrote:
> Thank you AWA Group friends. I will keep you posted. 73, Jim.
>
> On 01/12/13 2:03 PM, Ron Barlow wrote:
>> Hi Jim,
>> I would suggest 75 turns. This would yield ~ the same overall wire
>> length, as 50 turns on a 2 inch form. The 75 t on a 2" form, will not
>> be an exact equal of 50t on a 3 inch form, but it should be close
>> enough.
>> The answer is actually also quite dependent on the operating frequency.
>> However, I do not believe that the actual number of turns would be
>> critical, as long as the choke has enough inductance, to yield a
>> relatively high impedance at the frequency involved.
>> If the impedance, of the choke, is not high enough, a substantial
>> amount of RF current will flow through the choke.
>> RF chokes are not usually of high Q construction, so the result will
>> be that a substantial amount of your precious RF power will be
>> converted to heating the choke, intead of being delivered to the antenna.
>> In any event, series resonance is also something that you want to
>> avoid. If the choke is operating at or near a series resonant
>> frequency, your oscillator may not oscillate, at all, as the "choke"
>> will appear to be a short circuit.
>> GL & 73 de Ron
>> *From:* "dulmagedon@..." <dulmagedon@...>
>> *To:* AWAGroup@yahoogroups.com
>> *Sent:* Saturday, November 30, 2013 7:46 PM
>> *Subject:* [AWA Group] RE: hartley circuit
>>
>> Pretend you are an electron moving to and fro at 3.5mc or 7.0 mc.
>> Make enuf windings that it would IMPOSSIBLE for you to pass thru
>> easily without becoming exhausted and it will work.
>> Don
>>
>>
>> ---In AWAGroup@yahoogroups.com, <nc101x@...> wrote:
>>

>> AWA Group friends: I am working on a Hartley circuit from a 1926 NRI
>> pamphlet. There is a choke that calls for 50 turns of 28 DCC on a
>> three inch form. I have a two inch form. Would any of the members
>> know if I would require more or less turns? How critical is this?
>> Many thanks. Jim/VE3BHK
>>
>>
>>
>>

8803. Re: [AWA Group] RE: hartley circuit [2 Attachments]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 01:37:40 UTC
From: Larry Szendrei
Topic: 8558 Message: 8803

On 12/11/13 7:53 PM, Jim Robson wrote:
> AWA Group friends: just a friendly update on the Hartley. It's not
> oscillating. In the shack, troubleshooting, looks like the biggest
> difference between 1926 circuits and 2013 versions of the circuits are
> the capacitor values which range all the way from two of .002 mf in
> series for the shunt to one 680pf for the grid leak. Some few other
> minor differences around keying. This faithful version looks good,
> though....the difference between a blonde and a brunette. 73, Jim.

She looks good, Jim, even if she won't oscillate! (awaiting the obvious commentary...)

Will it oscillate without a load?

The problem I was having with the low-mu tubes I had mentioned was that I could not load my Hartley very heavily before oscillation would cease, regardless of the position of the tap on the tank coil, which controls the amount of feedback. This problem effectively disappeared when I plugged an 841 into the socket.

GL!
-Larry/NE1S

8804. Re: [AWA Group] RE: hartley circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 02:00:11 UTC
From: Larry Szendrei
Topic: 8558 Message: 8804

Waitaminute!

If it's a Hartley, what's that green coil doing in there (which looks suspiciously like a TNT grid coil)?

8805. Re: [AWA Group] RE: hartley circuit [2 Attachments]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 03:10:50 UTC
From: <dulmagedon@...>
Topic: 8558 Message: 8805

I always use the Hartley. whether a Hartley Transmitter or a VFO for my DX60b or my two transceivers or my POW radio or my new 211. Don't use a circuit diagram anymore just whip em out. Tis my osc of choice.
I can't see your rig or circuit since attached pic is too big for my server . (Anything MB+ will not load)
However chuck the diagram Gridleak 5k with 100 pf paralleled at far end, Centre tap cathode and I now use an actual centre tap. Far end ground . Tuning cap across the two far ends and a cap .01 to plate circuit from ground end.
Antenna link. Thats it. Power the heaters direct Feed B- to ground side of coil and B+ to plate. Key in B- circuit between power supply and grounded end of coil. I use it cause it always works .Post a low rez pic in photo albumn so I can have a peek along with your circuit diagram and values. Don't overthink it. These things run like the wind. I don't even get the diagram out any more. Just pop em out like rabbits. Something very simple is wrong. lemme see
How to trouble shoot. Are the DC values all what they should be from tube manual for the tube you used?
IF so then it is in the Rf circuit thru caps that the problem exists. If using a 45 tube be SURE you have at least 2.5 volts on the heater. I push mine a bit as 45s sometimes get a bit lazy even at 2.5 volts.
Don
Don

8806. Forty meter Hartley:

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 03:52:34 UTC
From: Daniel Petersen
Topic: 8806 Message: 8806

Hi Folks:

I put together a #27 tube Hartley for 40-meters from Scott, WA9WFA's circuit diagram. I put juice to it tonight and, la-and-behold, it works. After a fashion. I found the best "note" (and I use that term VERY loosely!) was at about 27mA at 270 volts. That's an input of about 7.3 watts. It will light a 7-watt 120v bulb to about orange brilliance which tells me that SOMETHING is coming out, maybe a watt or a bit more. . The note has a moderate buzz or hum to it and it gives "body-capacity" effects a whole new meaning. Sitting 18 inches from my ample stomach it can detect my breathing! I may not have the 40-meter Hartley on but the Double-M 80-meter appears ready to go. I've made several contacts with it as far away as Michigan, albeit with better antennas!

--

73,
Dan - W7OIL

8807. Re: [AWA Group] Forty meter Hartley:

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 05:13:02 UTC
From: Louis Vermond
Topic: 8806 Message: 8807

...it works. After a fashion. I found the best "note" (and I use that term VERY loosely!) was ....SOMETHING is coming out....has a moderate buzz or hum to it and it gives "body-capacity" effects a whole new meaning.... I may not have the 40-meter Hartley on... :0(, Lou

8808. Re: [AWA Group] RE: hartley circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 05:19:41 UTC
From: Louis Vermond
Topic: 8558 Message: 8808

If it's a Hartley, what's that green coil doing in there (which looks suspiciously like a TNT grid coil)?

Psssst, Larry. RFC

8809. Ron n4gjv and the 841/VT 51

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 06:11:27 UTC
From: Louis Vermond
Topic: 8809 Message: 8809

Thank you Ron for making me aware of this tube.

Does anyone have one for sale or trade? Lou

8810. RE: [AWA Group] Forty meter Hartley:

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 11:38:33 UTC
From: Steve Flood
Topic: 8806 Message: 8810

Sitting 18 inches from my ample stomach it can detect my breathing!

Respiration modulation. I like it.

8811. Magnetic modulation article Radio News jan 1924

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 12:48:42 UTC
From: <dulmagedon@...>
Topic: 8811 Message: 8811

A is probably for antenna and P is probably for phones. Not what I thought. It referes to the device being from Radio Corporation of America and being for low power level modulation.
Don

8812. RE: Magnetic modulation article Radio News jan 1924

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 12:50:25 UTC
From: <dulmagedon@...>
Topic: 8811 Message: 8812

Phones in this case being microPhone

8813. Re: [AWA Group] Forty meter Hartley:

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 13:59:45 UTC
From: Louis Vermond
Topic: 8806 Message: 8813

In good form today, YS.

----- Original Message -----
From: Steve Flood
To: AWAGroup@yahoogroups.com
Sent: 2013-12-12 6:38 AM
Subject: RE: [AWA Group] Forty meter Hartley:

Sitting 18 inches from my ample stomach it can detect my breathing!

Respiration modulation. I like it.

8814. Re: [AWA Group] RE: hartley circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 14:22:50 UTC
From: Larry Szendrei
Topic: 8558 Message: 8814

On 12/12/13 12:19 AM, Louis Vermond wrote:
>
> □
>
> If it's a Hartley, what's that green coil doing in there (which looks
> suspiciously like a TNT grid coil)?
> Psssst, Larry. RFC
>
Oh, OK. Makes sense, must have had a "duh" moment.

```
73,
-Larry/NE1S
```

8815. Re: [AWA Group] RE: hartley circuit

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 14:33:20 UTC
From: Larry Szendrei
Topic: 8558 Message: 8815

On 12/12/13 9:22 AM, Larry Szendrei wrote:
>
> On 12/12/13 12:19 AM, Louis Vermond wrote:
>>
>> □
>>
>> If it's a Hartley, what's that green coil doing in there (which looks
>> suspiciously like a TNT grid coil)?
>> Psssst, Larry. RFC
>>
> Oh, OK. Makes sense, must have had a "duh" moment.
>
> 73,
> -Larry/NE1S

BTW, I use the Hartley circuit that doesn't require an RFC. Makes the
tank coil hot with HV, but I have the same situation on the PP TNT anyway.
>
>
>
>
>
>

8816. Re: [AWA Group] Silver Plated Coils?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 17:11:47 UTC
From: N1BUG
Topic: 8638 Message: 8816

Interesting. I wonder how much influence RF skin affect has, and how silver recovered from black and white photograph developing compares with other silver...

In the late 1980s I used the stuff to silver plate the tank circuit of a 144 MHz kilowatt amplifier. It made a significant improvement in efficiency and RF output.

73,
Paul N1BUG

On 12/11/2013 01:37 PM, Garey Barrell wrote:
>
> Wireless World, in November of 1970. Says:
>
> "Silver-plating a copper conductor does not, in fact, reduce the r.f. resistance but increases it.The reason is that
> electroplated silver and pure wrought silver are not the same.'It was more than likely, in the early days of radio, that
> silver plating a coil would increase its Q because (a) the available copper tubing had a higher impurity content, and
> hence resistance, and (b) the silver plating processes at the time produced a very pure silver deposit of high
> conductivity.'"
>
> The Wireless World article continues: "The conductivity of modern copper has improved, while the bright silver plates
> in common use have a much lower conductivity than pure silver.The conductivity of pure silver is 62.5 M u /m; that of a
> plate-deposit is 0.07-55 M u /m!The position has thus changed and a silver-plated copper conductor may now give a higher
> r.f. resistance than a copper conductor alone."
>
>
> 73, Garey - K4OAH
> Glen Allen, VA

8817. VE3AWA Kelley Station

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 18:55:19 UTC
From: Louis Vermond
Topic: 8817 Message: 8817
Attachments: 1 described; binary payloads are missing from this source WARC

A thank you Niel, W0VLZ for your help in making the NC101-X repair happen.

This past weekend.

8818. Re: 40 meter Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 18:55:42 UTC
From: JAMES HANLON
Topic: 8818 Message: 8818

Dan,

Add a metal front panel to your Hartley connected to the circuit ground and see if that doesn't reduce your "hand capacity" problems.

Jim, W8KGI

8819. Fw: K1TG de VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 20:03:00 UTC
From: Roger Kuchera
Topic: 8819 Message: 8819

----- Forwarded Message -----
From: Louis Vermond <ldvermond@...>
To: Roger Kuchera <rwkuchera@...>
Sent: Thursday, December 12, 2013 11:39 AM
Subject: K1TG de VE3AWA

Pse post this info on the group. Might save someone
(like me) a lot of trouble. Lou
----- Original Message -----
>From: Roger Kuchera
>To: Louis Vermond
>Sent: 2013-12-12 11:22 AM
>Subject: VE3AWA de K1TG
>
>Hi Lou,
>I see some banter re: an 841 (triode), sometimes
called a super '10. In my
>1934 TX, the original buffer/doubler was an 841.
I must say after an entire
>winter of trying to cure spurious and parasitic
oscillations with the stage, I
>finally threw in the towel. About all I can
say for it is it would make a good
>pilot light or ballast. I do not
recommend it in any service.
>
>I wound up re-doing the entire 2nd stage
using an 802 (pentode).
>
>CUL, Roger/K1TG
>

8820. Trying out my revised 211 Hartley on 7.106 Mhz right now

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 23:02:51 UTC
From: Doug Forbes
Topic: 8819 Message: 8820

Doug Forbes WA6VYN

8821. Re: 40 meter Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-12 23:09:35 UTC
From: <dulmagedon@...>
Topic: 8818 Message: 8821

On all the hartleys I have I found the most stable had a big steel framed Variable cap.in the tuning circuit. The least stable had a phoenelic ended cap as does my TNT. Whether that is the only reason or not I am not sure but there is a difference of day and night. . I have shielded the front of some with flatted black stove pipe behind the front panel. It helped some but didn't solve it all. One in particular is impervious to hand capacity as is the 211 Hartley with the pancake. coil. Hope you get it sorted out.
Don

8822. RE: Trying out my revised 211 Hartley on 7.106 Mhz right now

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-13 02:31:18 UTC
From: <dulmagedon@...>
Topic: 8819 Message: 8822

Sorry I missed all the fun although someone was still in there with a "big gun" later on. After he 73'd and cleared I went in with my TNTcalling CQ for awhile then switched to my light weight Hartley Mopa transceiver. (56/42 tube) Quite a bit of difference between sound of a Hartley and the sound of a TNT. I can see why their use was encouraged now . More so after tonite then before. No takers though. Came up dry. Even tried a little AM with the loop although most was CW
Have fun this weekend all, I be listening if I can from the Rhine. See you all here late next week
Don

8823. Re: [AWA Group] VE3AWA Kelley Station

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-13 03:22:59 UTC
From: Whitebear1122
Topic: 8817 Message: 8823

Wow Lou, What a gorgeous station!! Gads that 101X looks brand new. 73, Scott WA9WFA

On Dec 12, 2013, at 12:55 PM, Louis Vermond <ldvermond@sympatico.ca> wrote:

>
>
> A thank you Niel, W0VLZ for your help in making the NC101-X repair happen.
>
> This past weekend.
> <Stn 750 Dec. 7th.jpg>
>
>
> _

8824. Double-M

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-13 05:30:06 UTC
From: Daniel Petersen
Topic: 1323 Message: 8824

Well guys - Looks like the Double-M will be it. I'll shoot for 3565 starting at 23:00 tomorrow. QSO's and SWL reports will be appreciated.

I tried to get the 40-meter Hartley to work but it was putting out 1/2 watt on 82 MHz (!) according to my spectrum analyzer. Don't ask me I don't know either! I don't have the time to mess with it. Also according to the spec-an the Double-M is putting out +32 dBm into 50 ohms. That's about a watt and a half for you non-dB types.
--

73,
Dan - W7OIL

8825. Re: [AWA Group] VE3AWA Kelley Station

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-13 14:30:58 UTC
From: Louis Vermond
Topic: 8817 Message: 8825

Tks, Scott. It's only a few years old thanks to my Way-Back Machine. Lou

----- Original Message -----
From: Whitebear1122
To: AWAGroup@yahoogroups.com
Sent: 2013-12-12 10:22 PM
Subject: Re: [AWA Group] VE3AWA Kelley Station

Wow Lou, What a gorgeous station!! Gads that 101X looks brand new. 73, Scott WA9WFA

On Dec 12, 2013, at 12:55 PM, Louis Vermond <ldvermond@...> wrote:

A thank you Niel, W0VLZ for your help in making the NC101-X repair happen.

This past weekend.
<Stn 750 Dec. 7th.jpg>

–

8826. Re: [AWA Group] RE: Trying out my revised 211 Hartley on 7.106 Mhz right now

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-13 14:32:50 UTC
From: Louis Vermond
Topic: 8819 Message: 8826

I be listening if I can from the Rhine. Take you OT rig and a 40 mtr dipole!!!

CUL, Lou

----- Original Message -----
From: dulmagedon@...
To: AWAGroup@yahoogroups.com
Sent: 2013-12-12 9:31 PM
Subject: [AWA Group] RE: Trying out my revised 211 Hartley on 7.106 Mhz right now

Sorry I missed all the fun although someone was still in there with a "big gun" later on. After he 73'd and cleared I went in with my TNTcalling CQ for awhile then switched to my light weight Hartley Mopa transceiver. (56/42 tube) Quite a bit of difference between sound of a Hartley and the sound of a TNT. I can see why their use was encouraged now . More so after tonite then before. No takers though. Came up dry. Even tried a little AM with the loop although most was CW

Have fun this weekend all, I be listening if I can from the Rhine. See you all here late next week

Don

8827. Re: [AWA Group] Fw: K1TG de VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-13 17:24:43 UTC
From: Larry Szendrei
Topic: 8819 Message: 8827

On 12/12/13 3:03 PM, Roger Kuchera wrote:
> Hi Lou,
>
> I see some banter re: an 841 (triode), sometimes called a super
> '10. In my
> 1934 TX, the original buffer/doubler was an 841. I must say after
> an entire
> winter of trying to cure spurious and parasitic oscillations with
> the stage, I
> finally threw in the towel. About all I can say for it is it would
> make a good
> pilot light or ballast. I do not recommend it in any service.
>
> I wound up re-doing the entire 2nd stage using an 802 (pentode).
>
> CUL, Roger/K1TG
>
>
While I don't doubt what Roger says, there are many potential reasons
why his experiences have differed from mine. I've had great luck with
the 841 in the Hartley circuit - I just had to reduce the amount of
feedback relative to a low-mu tube.

OTOH, the 841s were very squirrely in the PP TNT.

Don't throw out the baby with the bathwater!

Roger, you can send all you 841s here ;-)

73,
-Larry/NE1S

8828. Re: [AWA Group] Fw: K1TG de VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-14 01:04:03 UTC
From: Roger Kuchera
Topic: 8819 Message: 8828

Hi Larry & Lou,
My efforts were directed at getting an 841 to work as a buffer/doubler as outline in an issue of QST from 1934. I even duplicated the layout and parts (as best as I could). The 841 I used was a brand-spanking new RCA bottle. When I observed the output waveform on a scope it was something to behold. If you can get it to work, all the more power to you.

CUL, Roger/K1TG

From: Larry Szendrei <ne1s@...>
To: AWAGroup@yahoogroups.com
Sent: Friday, December 13, 2013 12:24 PM
Subject: Re: [AWA Group] Fw: K1TG de VE3AWA

On 12/12/13 3:03 PM, Roger Kuchera wrote:

>
Hi Lou,
>
>I see some banter re: an 841 (triode), sometimes called a super '10. In my
>>1934 TX, the original buffer/doubler was an
841. I must say after an entire
>>winter of trying to cure spurious and
parasitic oscillations with the stage, I
>>finally threw in the towel. About all I can
say for it is it would make a good
>>pilot light or ballast. I do not recommend it
in any service.
>>
>>I wound up re-doing the entire 2nd stage using
an 802 (pentode).
>>
>>CUL, Roger/K1TG
>>
>
While I don't doubt what Roger says, there are many potential reasons why his experiences have differed from mine. I've had great luck with the 841 in the Hartley circuit - I just had to reduce the amount of feedback relative to a low-mu tube.

OTOH, the 841s were very squirrely in the PP TNT.

Don't throw out the baby with the bathwater!

Roger, you can send all you 841s here ;-)

73,
-Larry/NE1S

8829. Marconi D.E.T.9 Valve...Little Firecracker

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-14 02:24:29 UTC
From: Louis Vermond
Topic: 8829 Message: 8829
Attachments: 2 described; binary payloads are missing from this source WARC

This evening before getting the station ready for Saturday night thought that I would try a few UK valves in the REL rig. A pleasant surprise followed.

LS5 & D.E.T.9 (Dull Emitter Type)

The DET9 is a transmitting valve introduced prior to 1930 using a nickel anode capable of 3.75 watts dissipation and directly heated oxide filament.
With it's maximum Va of 250, the loaded output was an easy 2W+. The over-all signal quality was very good, but will not hold that against it.
The total height, less pins, is 3.25 inches.

I will build a rig around this valve. Does anyone have...

8830. Re: [AWA Group] Marconi D.E.T.9 Valve...Little Firecracker

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-14 14:21:36 UTC
From: Whitebear1122
Topic: 8829 Message: 8830

I think if there were a contest for beautiful tubes, those UK valves would win with their attractive shapes and labeling!

73, Scott WA9WFA

8831. Re: [AWA Group] Marconi D.E.T.9 Valve...Little Firecracker

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-14 19:13:24 UTC
From: Larry Szendrei
Topic: 8829 Message: 8831

On 12/13/13 9:24 PM, Louis Vermond wrote:
>
> This evening before getting the station ready for Saturday night
> thought that I would try a few UK valves in the REL rig. A pleasant
> surprise followed.
>
Cool. But I missed the "pleasant surprise." What was it - a QSO with the
elusive W2ZM?

73,
-Larry/NE1S

8832. Marconi D.E.T.9 Valve... Larry

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-14 19:44:03 UTC
From: Louis Vermond
Topic: 8832 Message: 8832

Cool. But I missed the "pleasant surprise." What was it - a QSO with the elusive W2ZM?

73,
-Larry/NE1S

Larry,

That that wee valve at 250Va produced that much output. You see, it is worth a project.

I'm starting out on 80 using the UK TPRG (TNT) with fully rectified but not filtered B+. If I get a T9.... :0(

73, Lou

8833. We Will Be Without VE3CUI/VE3XZ in the BK 1929

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-14 20:22:11 UTC
From: Whitebear1122
Topic: 8829 Message: 8833

I pinged Eddy VE3CUI/VE3XY to find out his BK 29 plans. I didn't expect to see him last weekend because of the 160m contest. Eddy is a big 160m Dx'er so we usually don't hear from him the first weekend. Alas, he won't be on this weekend either. He said he recently got two knee replacements and wasn't recovered enough to be in the shack for the BK 1929 nor last weekends 160m contest. He must be feeling pretty rough to miss both events. I am going to miss hearing the Colpitts Rocket "warbler"!

Last night I tried getting on 160m but the band was again ripped up with some kind of radiated noise that my noise reducer "noise antenna" was not picking up. I have an indoor noise antenna that runs over to the AC Mains panel and around the mains, around the cable TV wires and around the landline phone wires. Usually that picks up most stuff. That antenna was silent. I have also used the 80m vertical as a noise antenna in the past and that wasn't hearing it.

This afternoon I laid out a temporary noise antenna consisting a 10' dipole laying on the ground in the snow, down by the street and in view of a couple of street lights that may be culprits. Connecting it with maybe 120' of RG-174 coax. I won't know if it works at all until tonight. I need signals and noise to tell if it's working.

73, Scott WA9WFA

8834. Frustrating QRN

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-15 03:55:19 UTC
From: Whitebear1122
Topic: 8717 Message: 8834

It's been a frustrating evening with rough atmospheric noise and QRN and some man made noise that my noise reducer cannot null out. Oddly my new noise antenna isn't picking it up, the vertical isn't picking it up, but the inverted VEE is full of it. Can't understand that. I've worked maybe 7 or 8 stations tonight including two MN guys on 160m, 3 or 4 on 40m, and 2 on 80m. Tonight is pretty much a bust. Thank goodness conditions were good last weekend.

I was happy to work Ed Gable at W2AN AWA Headquarter station on both 80m and 40m.

Just listening on 160 and didn't hear a thing.

I'm planning on getting up early tomorrow morning and see if I can catch some east coasters on 80m before the band goes out. I have trouble getting up that early though hi hi.

Maybe tomorrow will be better. Before the start of the QSO Party I had a nice 1/2 hour non-1929 QSO with NI9Y in Indiana who made a recording of my Colpitts. We chatted for about a 1/2 hour, and my signal was pretty good in Indiana.

I heard KK7UV, finally worked the elusive NE1S. Also worked Niel W0VLZ.

73, Scott WA9WFA

8835. Re: [AWA Group] BK Condx

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-15 03:58:14 UTC
From: Whitebear1122
Topic: 8718 Message: 8835

Here is a link to the frequencies and rules:http://www.antiquewireless.org/uploads/1/6/1/2/16129770/the_2013_bruce_kelley_1929_qso_party_info.pdf

80m around 3550 to 3570, 40m from 7100 to 7125 with most at the lower end, 160m from 1800 to 1810. I'm not hearing much in MN due to bad propagation and atmospheric noise, although I did hear KK7UV a couple hours back on 80m.

73, Scott WA9WFA

On Dec 7, 2013, at 9:06 PM, Daniel Petersen <dan.w7oil@...> wrote:

>
>
> I missed the details so perhaps someone can give me the frequency areas to tune on 40, 80 and 160 for the BK?
> 73,
> Dan - W7OIL
>
>
> On Sat, Dec 7, 2013 at 6:07 PM, Steve Flood <kk7uv@bresnan.net> wrote:
>
>
> On Sat, Dec 7, 2013 at 4:27 PM, Steve <ve7sl@...> wrote:
>
> Well 40m here is terrible. It looks like another coronal hole has hit us as
> the Bz has gone strongly south, almost auroral condx now...K index shot to
> up to 4. It may be an early night :0(
>
>
>
> I tried to copy VE7SL and another station in QSO on 80m, but Steve’s usual powerful sig here was almost buried in S9 noise. Can only make out a few WES sprinters and a hint or two of 29’ers. Yuck.
>
> Steve-KK7UV
>
>
>
>
>
>
> --
>
> 73,
> Dan - W7OIL
>

>
>
>

8836. Re: [AWA Group] Frustrating QRN

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-15 04:02:54 UTC
From: Louis Vermond
Topic: 8717 Message: 8836

04:02Z

Worked W2LB on 160 a few min.s ago. Ruff, vry ruff, but we did it. Lou

----- Original Message -----
From: Whitebear1122
To: AWAGroup@yahoogroups.com
Sent: 2013-12-14 10:55 PM
Subject: [AWA Group] Frustrating QRN

It's been a frustrating evening with rough atmospheric noise and QRN and some man made noise that my noise reducer cannot null out. Oddly my new noise antenna isn't picking it up, the vertical isn't picking it up, but the inverted VEE is full of it. Can't understand that. I've worked maybe 7 or 8 stations tonight including two MN guys on 160m, 3 or 4 on 40m, and 2 on 80m. Tonight is pretty much a bust. Thank goodness conditions were good last weekend.

I was happy to work Ed Gable at W2AN AWA Headquarter station on both 80m and 40m.

Just listening on 160 and didn't hear a thing.

I'm planning on getting up early tomorrow morning and see if I can catch some east coasters on 80m before the band goes out. I have trouble getting up that early though hi hi.

Maybe tomorrow will be better. Before the start of the QSO Party I had a nice 1/2 hour non-1929 QSO with NI9Y in Indiana who made a recording of my Colpitts. We chatted for about a 1/2 hour, and my signal was pretty good in Indiana.

I heard KK7UV, finally worked the elusive NE1S. Also worked Niel W0VLZ.

73, Scott WA9WFA

8837. Re: [AWA Group] Frustrating QRN

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-15 04:47:09 UTC
From: Daniel Petersen
Topic: 8717 Message: 8837

80 and 40 sound like frying bacon and I have heard squat! 8(Steve, 7SL and I had a sked on 80 but no dice. Might have to wait for the Linc so I can run some REAL power - like 10 watts.
73,
Dan - W7OIL

On Sat, Dec 14, 2013 at 8:02 PM, Louis Vermond <ldvermond@...>wrote:

>
>
> 04:02Z
>
> Worked W2LB on 160 a few min.s ago. Ruff, vry ruff, but we did it. Lou
>
>
>
> ----- Original Message -----
> *From:* Whitebear1122 <whitebear1122@comcast.net>
> *To:* AWAGroup@yahoogroups.com
> *Sent:* 2013-12-14 10:55 PM
> *Subject:* [AWA Group] Frustrating QRN
>
>
>
> It's been a frustrating evening with rough atmospheric noise and QRN and
> some man made noise that my noise reducer cannot null out. Oddly my new
> noise antenna isn't picking it up, the vertical isn't picking it up, but
> the inverted VEE is full of it. Can't understand that. I've worked maybe 7
> or 8 stations tonight including two MN guys on 160m, 3 or 4 on 40m, and 2
> on 80m. Tonight is pretty much a bust. Thank goodness conditions were good
> last weekend.
>
> I was happy to work Ed Gable at W2AN AWA Headquarter station on both 80m
> and 40m.
>
> Just listening on 160 and didn't hear a thing.
>
> I'm planning on getting up early tomorrow morning and see if I can catch
> some east coasters on 80m before the band goes out. I have trouble getting
> up that early though hi hi.
>
> Maybe tomorrow will be better. Before the start of the QSO Party I had a
> nice 1/2 hour non-1929 QSO with NI9Y in Indiana who made a recording of my
> Colpitts. We chatted for about a 1/2 hour, and my signal was pretty good in
> Indiana.

>
> I heard KK7UV, finally worked the elusive NE1S. Also worked Niel W0VLZ.
>
> 73, Scott WA9WFA
>
>
>

--

73,
Dan - W7OIL

8838. Re: [AWA Group] Frustrating QRN

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-15 04:57:42 UTC
From: Whitebear1122
Topic: 8717 Message: 8838

I'm guessing propagation is generally crapola tonight. Hopefully it'll be better tomorrow. I'd love to work that Double M transmitter Dan. 73, Scott WA9WFA
On Dec 14, 2013, at 10:47 PM, Daniel Petersen <dan.w7oil@...> wrote:

>
>
> 80 and 40 sound like frying bacon and I have heard squat! 8(Steve, 7SL and I had a sked on 80 but no dice. Might have to wait for the Linc so I can run some REAL power - like 10 watts.
> 73,
> Dan - W7OIL
>
>
> On Sat, Dec 14, 2013 at 8:02 PM, Louis Vermond <ldvermond@sympatico.ca> wrote:

8839. Re: [AWA Group] Frustrating QRN

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-15 04:58:36 UTC
From: Whitebear1122
Topic: 8717 Message: 8839

Nice catch on 160m. I think we are all experiencing rough atmospheric noise. Better luck to us tomorrow. 73, Scott WA9WFA

On Dec 14, 2013, at 10:02 PM, Louis Vermond <ldvermond@...> wrote:

>
>
> 04:02Z
>
> Worked W2LB on 160 a few min.s ago. Ruff, vry ruff, but we did it. Lou
>
>

8840. 558W

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-15 23:08:29 UTC
From: Larry Szendrei
Topic: 8840 Message: 8840

I just received a 558W report from Lou on 80M. W=watery!

Here's how you, too, can solicit and deserve a fine report such as this:

1. Mount your straight key and old-time T/R switch firmly on the table.
2. Wind your 80M osc. tank coil with #6 solid copper. Support only at ends.
3. Place XMTR on shelf supported by same table securing straight key
and old-time T/R switch.
4. Enjoy!

73,
-Larry/NE1S

8841. Re: [AWA Group] 558W

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-15 23:16:33 UTC
From: Louis Vermond
Topic: 8840 Message: 8841

...and it works, guys. Did away with the foam pad under the TNT on the bench and, Bob's ur Uncle, I too was /MM. Tks Lar....

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com
Sent: 2013-12-15 6:08 PM
Subject: [AWA Group] 558W

I just received a 558W report from Lou on 80M. W=watery!

Here's how you, too, can solicit and deserve a fine report such as this:

1.. Mount your straight key and old-time T/R switch firmly on the table.
2.. Wind your 80M osc. tank coil with #6 solid copper. Support only at ends.
3.. Place XMTR on shelf supported by same table securing straight key and old-time T/R switch.
4.. Enjoy!

73,
-Larry/NE1S

8842. Cundall

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-15 23:31:51 UTC
From: Louis Vermond
Topic: 1650 Message: 8842

http://www.antiquewireless.org/uploads/1/6/1/2/16129770/2014_linc_cundall_rules.pdf

8843. Re: [AWA Group] 558W

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-15 23:50:36 UTC
From: Larry Szendrei
Topic: 8840 Message: 8843

My modest contribution to the art. Don't mention it. (I really mean that
- don't mention it! :-0)

-'1S

On 12/15/13 6:16 PM, Louis Vermond wrote:
>
> ...and it works, guys. Did away with the foam pad under the TNT on the
> bench and, Bob's ur Uncle, I too was /MM. Tks Lar....
>
> ----- Original Message -----
> *From:* Larry Szendrei <mailto:ne1s@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2013-12-15 6:08 PM
> *Subject:* [AWA Group] 558W
>
> I just received a 558W report from Lou on 80M. W=watery!
>
> Here's how you, too, can solicit and deserve a fine report such as
> this:
>
> 1. Mount your straight key and old-time T/R switch firmly on the
> table.
> 2. Wind your 80M osc. tank coil with #6 solid copper. Support
> only at ends.
> 3. Place XMTR on shelf supported by same table securing straight
> key and old-time T/R switch.
> 4. Enjoy!
>
>
> 73,
> -Larry/NE1S
>
>

8844. W2AN QSO in BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 14:10:51 UTC
From: Larry Szendrei
Topic: 8844 Message: 8844

Question for Scott and anyone else who may know the answer:

Does a QSO with W2AN count as a BK QSO? Ed obviously wasn't operating a qualifying transmitter, but thought perhaps a special allowance is made for the AWA HQ station?

Filling out my log, and inquiring minds want to know...

73,
-Larry/NE1S

8845. Re: [AWA Group] W2AN QSO in BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 14:55:00 UTC
From: Louis Vermond
Topic: 8844 Message: 8845

Nice try, Larry....

----- Original Message -----
From: Larry Szendrei
To: AWAGroup@yahoogroups.com ; Scott Freeburg
Sent: 2013-12-16 9:10 AM
Subject: [AWA Group] W2AN QSO in BK

Question for Scott and anyone else who may know the answer:

Does a QSO with W2AN count as a BK QSO? Ed obviously wasn't operating a qualifying transmitter, but thought perhaps a special allowance is made for the AWA HQ station?

Filling out my log, and inquiring minds want to know...

73,
-Larry/NE1S

8846. Re: [AWA Group] W2AN QSO in BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 15:02:46 UTC
From: Bill Stewart
Topic: 8844 Message: 8846

Hi Larry and good to work you on 40 & 80.
Per this years rules (para. Scoring):
"We will count contacts with W2AN, the AWA Club station"
73, Bill K4JYS

----- Original Message -----

From: "Larry Szendrei" <ne1s@securespeed.us>
To: AWAGroup@yahoogroups.com, "Scott Freeburg" <whitebear1122@comcast.net>
Sent: Monday, December 16, 2013 9:10:51 AM
Subject: [AWA Group] W2AN QSO in BK

Question for Scott and anyone else who may know the answer:

Does a QSO with W2AN count as a BK QSO? Ed obviously wasn't operating a
qualifying transmitter, but thought perhaps a special allowance is made
for the AWA HQ station?

Filling out my log, and inquiring minds want to know...

73,
-Larry/NE1S

8847. Re: [AWA Group] W2AN QSO in BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 15:29:28 UTC
From: whitebear1122@...
Topic: 8844 Message: 8847

Bill is correct. Per the rules, W2AN AWA Headquarters is the only modern station that is counted in the 29 QSO Party. Ed Gable was operating W2AN on both 80m and 40m. 73, Scott WA9WFA

----- Original Message -----
From: "Bill Stewart" <cwopr@...>
To: AWAGroup@yahoogroups.com
Cc: "Scott Freeburg" <whitebear1122@...>
Sent: Monday, December 16, 2013 9:02:46 AM
Subject: Re: [AWA Group] W2AN QSO in BK

Hi Larry and good to work you on 40 & 80.

Per this years rules (para. Scoring):

"We will count contacts with W2AN, the AWA Club station"

73, Bill K4JYS

----- Original Message -----

From: "Larry Szendrei" <ne1s@securespeed.us>
To: AWAGroup@yahoogroups.com, "Scott Freeburg" <whitebear1122@...>
Sent: Monday, December 16, 2013 9:10:51 AM
Subject: [AWA Group] W2AN QSO in BK

Question for Scott and anyone else who may know the answer:

Does a QSO with W2AN count as a BK QSO? Ed obviously wasn't operating a qualifying transmitter, but thought perhaps a special allowance is made for the AWA HQ station?

Filling out my log, and inquiring minds want to know...

73,
-Larry/NE1S

8848. Re: [AWA Group] W2AN QSO in BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 17:06:27 UTC
From: Steve
Topic: 8844 Message: 8848

> Ed Gable was operating W2AN on both 80m and 40m. 73, Scott WA9WFA

They were loud on 40m here, even before sunset...called them a half dozen
times or more but the pileup was just too big :-((

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8849. Re: [AWA Group] W2AN QSO in BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 17:10:20 UTC
From: Larry Szendrei
Topic: 8844 Message: 8849

Thanks, Bill. Guess I should have gone right to the rules in the 1st place. (Lou, eat your heart out ;-)).

Good working you on both bands as always. Just about every time I was tuning around on 80 & 40, you were there.

73,
-Larry/NE1S

On 12/16/13 10:02 AM, Bill Stewart wrote:
>
> Hi Larry and good to work you on 40 & 80.
>
> Per this years rules (para. Scoring):
>
> "We will count contacts with W2AN, the AWA Club station"
>
> 73, Bill K4JYS
>
> ---
> *From: *"Larry Szendrei" <ne1s@...>
> *To: *AWAGroup@yahoogroups.com, "Scott Freeburg"
> <whitebear1122@...>
> *Sent: *Monday, December 16, 2013 9:10:51 AM
> *Subject: *[AWA Group] W2AN QSO in BK
>
> Question for Scott and anyone else who may know the answer:
>
> Does a QSO with W2AN count as a BK QSO? Ed obviously wasn't operating a
> qualifying transmitter, but thought perhaps a special allowance is made
> for the AWA HQ station?
>
> Filling out my log, and inquiring minds want to know...
>
> 73,
> -Larry/NE1S
>
>
>

8850. Re: [AWA Group] W2AN QSO in BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 17:33:45 UTC
From: Larry Szendrei
Topic: 8844 Message: 8850

Thanks Scott!

Good working you on 40M, and too bad we didn't hook up on 80M.

160M was a bust for me - I couldn't make myself stay up late enough -
and the PP TNT is still a bit squirrelly up there, where theoretically
it should be best!

73,
-Larry/NE1S

P.S. Will email you my log shortly.

On 12/16/13 10:29 AM, whitebear1122@... wrote:
> Bill is correct. Per the rules, W2AN AWA Headquarters is the only
> modern station that is counted in the 29 QSO Party. Ed Gable was
> operating W2AN on both 80m and 40m. 73, Scott WA9WFA
>
> ---
> *From: *"Bill Stewart" <cwopr@...>
> *To: *AWAGroup@yahoogroups.com
> *Cc: *"Scott Freeburg" <whitebear1122@...>
> *Sent: *Monday, December 16, 2013 9:02:46 AM
> *Subject: *Re: [AWA Group] W2AN QSO in BK
>
>
>
> Hi Larry and good to work you on 40 & 80.
>
> Per this years rules (para. Scoring):
>
> "We will count contacts with W2AN, the AWA Club station"
>
> 73, Bill K4JYS
>
> ---
> *From: *"Larry Szendrei" <ne1s@...>
> *To: *AWAGroup@yahoogroups.com, "Scott Freeburg"
> <whitebear1122@...>
> *Sent: *Monday, December 16, 2013 9:10:51 AM
> *Subject: *[AWA Group] W2AN QSO in BK
>
> Question for Scott and anyone else who may know the answer:
>
> Does a QSO with W2AN count as a BK QSO? Ed obviously wasn't operating a
> qualifying transmitter, but thought perhaps a special allowance is made

> for the AWA HQ station?
>
> Filling out my log, and inquiring minds want to know...
>
> 73,
> -Larry/NE1S
>
>
>
>
>

8851. Re: [AWA Group] W2AN QSO in BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 18:24:14 UTC
From: Louis Vermond
Topic: 8844 Message: 8851

(Lou, eat your heart out ;-)). ....Rats

8852. Re: [AWA Group] Fw: K1TG de VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 18:30:59 UTC
From: Ron Barlow
Topic: 8819 Message: 8852

Hello to all,

I used 841s in both stages of a 40m/80m MOPA, that I used in the BK QSO party, for the first ~ 2 yrs, that I participated.
I had no problem, whatever, with either the Hartley oscillator stage, or the PA stage.
IIRC, the PA ran straight through on 80m, and doubled to reach 40m.

I chose the 841s, for my MOPA, because I was able to find NOS RCA 841s, for fewer $ than I could find USED 10/210s, on E-Bay.
Unfortunately (AFAIK), the 841 source (Typetronics) faded into the sunset, when the owner became an SK, several years ago.

Perhaps your misbehaving 841 buffer stage wasn't properly neutralized, Roger?
As for parasitic oscillation, I did not find it neccessary to apply any sort of parasitic suppression, in my xmtr. However, I used the shortest lead lengths, that were practical. Long lead lengths, in the anode to cathode path (thru the output circuit tuning cap), can be an invitation to parasitic oscillation problems.

73 de Ron n4gjv

From: Larry Szendrei <ne1s@securespeed.us>
To: AWAGroup@yahoogroups.com
Sent: Friday, December 13, 2013 12:24 PM
Subject: Re: [AWA Group] Fw: K1TG de VE3AWA

On 12/12/13 3:03 PM, Roger Kuchera wrote:

>Hi Lou,
>
>I see some banter re: an 841 (triode), sometimes called a super '10. In my
>>1934 TX, the original buffer/doubler was an 841. I must say after an entire
>>winter of trying to cure spurious and parasitic oscillations with the stage, I
>>finally threw in the towel. About all I can say for it is it would make a good
>>pilot light or ballast. I do not recommend it in any service.
>>
>>I wound up re-doing the entire 2nd stage using an 802 (pentode).
>>
>>CUL, Roger/K1TG
>>
>While I don't doubt what Roger says, there are many potential reasons why his experiences have differed from mine. I've had great luck with the 841 in the Hartley circuit - I just had to reduce the amount of feedback relative to a low-mu tube.

OTOH, the 841s were very squirrely in the PP TNT.

Don't throw out the baby with the bathwater!

Roger, you can send all you 841s here ;-)

73,
-Larry/NE1S

8853. 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 18:57:51 UTC
From: Ron Barlow
Topic: 8853 Message: 8853

Hello guys,
 Did anyone enjoy much success on 160m, during the BK QSO party? The QRN was severe on 80m, here in the southeast, but was absolutely fierce on 160m.
 I had hastily constructed a Hartley xmtr (type 27 active device) and a half wave inverted vee dipole, between the two BK weekends.
 I ran out of time, and I elected to use my 80m antenna, for receive purposes, with my 24A/27/27 regenerative rx., rather than switch the 160m antenna between rx & tx.
 I was able to copy CQs from VE7SL, VE3AWA, W2LB & KB0ROB, thru the intense QRN.
My replies, to these stations, went unanswered.
 In my sleep deprived state, I failed to notice that the 27 plate current was lower than it should have been, until after the 0300Z-0430Z 160m activity period was over! Apparently a wayward strand of wire was providing a short circuit, across the tx output terminals, thus no RF was reaching the tx antenna! Thanks Murphy!
           73 de Ron n4gjv

8854. Re: [AWA Group] 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 19:09:39 UTC
From: Steve
Topic: 8853 Message: 8854

>I was able to copy CQs from VE7SL, VE3AWA, W2LB & KB0ROB, thru the intense
>QRN. My replies, to these stations, went unanswered.

Was this on 160 Ron?? If so, I am amazed as the band here was absolutely wiped out from the coronal hole-induced absorption. The only station I heard on the ENTIRE band was KK7UV in MT and he was just a sliver of his usual self. These were the poorest condx I have experienced in all of the BK parties yet.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8855. Re: [AWA Group] 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 19:24:06 UTC
From: Louis Vermond
Topic: 8853 Message: 8855

I was able to copy CQs from VE7SL, VE3AWA, W2LB & KB0RO...

Larry, eat your heart out ;-)).

8856. Re: [AWA Group] 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 19:54:45 UTC
From: Steve
Topic: 8853 Message: 8856

>Larry, eat your heart out ;-)).

now now, play nice Louis.

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8857. Re: [AWA Group] Fw: K1TG de VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-16 22:03:06 UTC
From: Larry Szendrei
Topic: 8819 Message: 8857

On 12/16/13 1:30 PM, Ron Barlow wrote:
>
> Unfortunately (AFAIK), the 841 source (Typetronics) faded into the
> sunset, when the owner became an SK, several years ago.
> **
I'd bought parts for my Teletypes from him, way back.

73,
-Larry/NE1S

8858. Re: [AWA Group] 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 01:08:59 UTC
From: Whitebear1122
Topic: 8853 Message: 8858

Bummer. I had high hopes as well for my first year on 160m. I worked two MN stations and that was all I heard. Band was noisy plus lots of local manmade noise. Here I was figuring on 8 or 9 stations and was darn lucky to get 2. I didn't hear anyone else.

73, Scott WA9WFA

On Dec 16, 2013, at 1:09 PM, Steve <ve7sl@...> wrote:

>> I was able to copy CQs from VE7SL, VE3AWA, W2LB & KB0ROB, thru the intense
>> QRN. My replies, to these stations, went unanswered.
>
>
>
> Was this on 160 Ron?? If so, I am amazed as the band here was absolutely
> wiped out from the coronal hole-induced absorption. The only station I heard
> on the ENTIRE band was KK7UV in MT and he was just a sliver of his usual
> self. These were the poorest condx I have experienced in all of the BK
> parties yet.
>
> Steve
>

8859. Re: [AWA Group] 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 01:12:39 UTC
From: Whitebear1122
Topic: 8853 Message: 8859

Hey Ron and all, I had the same problem here with severe QRN. It was horrible. I heard and worked two stations, one of them being KB0ROB. I didn't hear any other stations. Once the logs start rolling in we'll be able to figure out how 160m was for others.
Too bad about your shorted transmitter. Better luck to all of us next year. 73, Scott WA9WFA

73, Scott WA9WFA

On Dec 16, 2013, at 12:57 PM, Ron Barlow <imalowfer@...> wrote:

>
>
> Hello guys,
> Did anyone enjoy much success on 160m, during the BK QSO party? The QRN was severe on 80m, here in the southeast, but was absolutely fierce on 160m.
> I had hastily constructed a Hartley xmtr (type 27 active device) and a half wave inverted vee dipole, between the two BK weekends.
> I ran out of time, and I elected to use my 80m antenna, for receive purposes, with my 24A/27/27 regenerative rx., rather than switch the 160m antenna between rx & tx.
> I was able to copy CQs from VE7SL, VE3AWA, W2LB & KB0ROB, thru the intense QRN. My replies, to these stations, went unanswered.
> In my sleep deprived state, I failed to notice that the 27 plate current was lower than it should have been, until after the 0300Z-0430Z 160m activity period was over! Apparently a wayward strand of wire was providing a short circuit, across the tx output terminals, thus no RF was reaching the tx antenna! Thanks Murphy!
> 73 de Ron n4gjv
>
>
> _

8860. Re: [AWA Group] 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 01:53:33 UTC
From: <kf5evv73@...>
Topic: 8853 Message: 8860

is there any advantages of operating on 160meters

73
Preston

8861. Re: [AWA Group] 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 02:38:14 UTC
From: Ron Barlow
Topic: 8853 Message: 8861

Hi Preston,
 The use of 160m allows you to use a longer antenna (my inverted vee is 248 ft long). It also allows you to wind more turns on the coil of your regenerative receiver, and more turns on the tank coil of your transmitter! It also allows one to hear more QRN from thunderstorm activity, both near and far, compared to the higher frequencies!

 Just kidding!

 To be more serious, it's just another band to enjoy the great fun, associated with the BK QSO party. My history is a bit foggy (many things have become increasing foggy, for me, these days), but I believe that 160m is even more strongly associated with vintage amateur radio, than 80m. Others may have more insight about this.

 If you have not joined the fun yet, Preston, I strongly encourage you to attempt to do so, for next year's event! There is something very special associated with putting together a transmitter composed of ~ 7 junkbox parts (including an ~ 85 year old vacuum tube!), and contacting someone using similar equipment, that is located hundreds or even thousands of miles away. IMHO, this sort of thing totally and completely blows away what often passes for ham radio, these days!!

 It is, for me, like creating a time machine, that allows one to travel back to those glorious olden days, before the advent of cookie cutter rice boxes, digital toys, etc.
 Just listening to some of the signals, is (for me) well worth the price of admission, and a thrill beyond description!
 A suitable transmitter can be constructed for a very few dollars, and it does not have to look pretty (mine certainly does not!). If you need help, it is available from the great group of guys, that hang out on this vy fb mailing list!

73 de Ron n4gjv

From: "kf5evv73@..." <kf5evv73@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 16, 2013 8:53 PM
Subject: Re: [AWA Group] 160m question

is there any advantages of operating on 160meters

73
Preston

8862. Re: [AWA Group] 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 03:53:14 UTC
From: Ron Barlow
Topic: 8853 Message: 8862

Hi Steve,

Considering some of the old age related brain dead stunts that I have been guilty of, anything is possible!! (I have been searching in vain, for the fountain of youth!)
It is possible that I was mistaken about which coil was plugged into my regen rx??

According to my log, I replied to your CQ at 0410Z, and 0411Z. Did you call CQ on 160m, just prior to these times, Steve???

One of the problems that I had with the regen rx, was matching its freq, with that of my tx, which causes me difficulty, when attempting to reply to CQs, in a timely fashion. This was irrelevant, during the BK event, due to the short circuit on my xmtr output link.
I hope to improve the zero beat problem, prior to the mid January LC event.

I am also planning to construct a "monimatch" type device, that would be sensitive enough to provide a useful indication on 160m, with the ~ 2w output from my Hartley, to avoid a repeat performance, with a shorted feedline problem.

Please advise regarding ur band of operation, at ~ 0408Z, on December 15, Steve.

73 de Ron n4gjv

From: Steve <ve7sl@...>
To: AWAGroup@yahoogroups.com
Sent: Monday, December 16, 2013 2:09 PM
Subject: Re: [AWA Group] 160m question

>I was able to copy CQs from VE7SL, VE3AWA, W2LB & KB0ROB, thru the intense
>QRN. My replies, to these stations, went unanswered.

Was this on 160 Ron?? If so, I am amazed as the band here was absolutely wiped out from the coronal hole-induced absorption. The only station I heard on the ENTIRE band was KK7UV in MT and he was just a sliver of his usual self. These were the poorest condx I have experienced in all of the BK parties yet.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8863. Re: [AWA Group] 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 04:10:03 UTC
From: Steve
Topic: 8853 Message: 8863

>Please advise regarding ur band of operation, at ~ 0408Z, on December 15,
>Steve.

yes indeed...I was on 160 at that time....called a LOT of CQ's and just worked (and heard) one station...KK7UV in Montana. It's amazing that you could hear me OK and I missed you as generally I hear very well on 160m...so sorry I missed you Ron.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8864. New Member -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 13:23:23 UTC
From: Mike Feher
Topic: 7899 Message: 8864

Please welcome Carsten, DL6LAU, who would like to build his first Hartley or TNT. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

8865. Re: [AWA Group] 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 14:52:54 UTC
From: Larry Szendrei
Topic: 8853 Message: 8865

On 12/16/13 1:57 PM, Ron Barlow wrote:
> Hello guys,
> Did anyone enjoy much success on 160m, during the BK QSO party?
> The QRN was severe on 80m, here in the southeast, but was absolutely
> fierce on 160m.
It was noisy here too. I listened 1st (heard nothing) then tuned up around 1805 KHz Sat. nite around 0300Z, called a few CQs with no response. Was pretty tired at that point so I hit the sack. No 160M QSOs here, and the PP TNT is still quite chirpy on 160. I think I'm loaded too heavily, but I'm tapped up only 1/2 turn from CT on the tank coil already. The same transmitter is nearly T9X on 80M, although I have been using the Hartley on 80M instead the past few years. I like keeping the Hartley on 80M because it plate-modulates better that the TNT, and I use it on 79 - 75M AM quite often.

Long answer to a short question.

73,
-Larry/NE1S

8866. Re: [AWA Group] 160m question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 15:24:02 UTC
From: Larry Szendrei
Topic: 8853 Message: 8866

On 12/16/13 2:24 PM, Louis Vermond wrote:
>
> I was able to copy CQs from VE7SL,/VE3AWA/, W2LB & KB0RO...
> Larry, eat your heart out ;-)).

;-)

Lou, if anyone had heard me on 160M it would have been quite a coincidence, because I think I only put out 2 or 3 short calls, and at that earlier in the evening than everyone had agreed to congregate there.

I didn't give it much of an effort because I was getting tired, as well as frustrated that the sig. quality wasn't better.

73,
-Larry/NE1S

8867. article "An Old Timer Gets Back in the Game" attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 16:23:50 UTC
From: Doug Forbes
Topic: 8558 Message: 8867
Attachments: 1 described; binary payloads are missing from this source WARC

Most of you probably already know this article but I thought there may be those anticipating the BK next year who may, like me, find it quite interesting. Also there may be those who could revise it as a result of personal experience.

Doug Forbes WA6VYN

8868. Re: [AWA Group] article "An Old Timer Gets Back in the Game" attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 16:32:48 UTC
From: Steve
Topic: 8558 Message: 8868

It is a great article with some sound advice. I recall reading it a few years ago...what...1932 QST or thereabouts? Perhaps we should put it into the files in jpg format?

Doug - how did you manage in the BK...hear or work anyone?

Steve

> Most of you probably already know this article but I thought there may
> be those anticipating the BK next year who may, like me, find it quite
> interesting. Also there may be those who could revise it as a result of
> personal experience.
>
>
> Doug Forbes WA6VYN
>
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8869. Re: [AWA Group] article "An Old Timer Gets Back in the Game" attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 16:43:48 UTC
From: Louis Vermond
Topic: 8558 Message: 8869

Doug,

I agree with Steve, thank you for your work in getting this out.

There are many transmitter "basics" articles in the 1920s QSTs written by Kruse and others. If there is a wish for them, I will scan them and file.

Wt sa?

73, Lou

----- Original Message -----
From: Steve
To: AWAGroup@yahoogroups.com
Sent: 2013-12-17 11:32 AM
Subject: Re: [AWA Group] article "An Old Timer Gets Back in the Game" attached

It is a great article with some sound advice. I recall reading it a few years ago...what...1932 QST or thereabouts? Perhaps we should put it into the files in jpg format?

Doug - how did you manage in the BK...hear or work anyone?

Steve

> Most of you probably already know this article but I thought there may
> be those anticipating the BK next year who may, like me, find it quite
> interesting. Also there may be those who could revise it as a result of
> personal experience.
>
>
> Doug Forbes WA6VYN
>
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8870. Re: [AWA Group] article "An Old Timer Gets Back in the Game" attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 16:55:07 UTC
From: Doug Forbes
Topic: 8558 Message: 8870

I would love to see any additional articles. The one I posted was from the November 1930 QST. I omitted the date and page numbers etc. to max out the print size for printing.

Doug Forbes WA6VYN

On 12/17/2013 8:43 AM, Louis Vermond wrote:
> ☐
>
> Doug,
> I agree with Steve, thank you for your work in getting this out.
> There are many transmitter "basics" articles in the 1920s QSTs written
> by Kruse and others. If there is a wish for them, I will scan
> them and file.
> Wt sa?
> 73, Lou
>
> ----- Original Message -----
> *From:* Steve <mailto:ve7sl@...>
> *To:* AWAGroup@yahoogroups.com <mailto:AWAGroup@yahoogroups.com>
> *Sent:* 2013-12-17 11:32 AM
> *Subject:* Re: [AWA Group] article "An Old Timer Gets Back in the
> Game" attached
>
> It is a great article with some sound advice. I recall reading it
> a few
> years ago...what...1932 QST or thereabouts? Perhaps we should put
> it into
> the files in jpg format?
>
> Doug - how did you manage in the BK...hear or work anyone?
>
> Steve
>
> > Most of you probably already know this article but I thought
> there may
> > be those anticipating the BK next year who may, like me, find it
> quite
> > interesting. Also there may be those who could revise it as a
> result of
> > personal experience.
> >
> >
> > Doug Forbes WA6VYN
> >

> >
>
> WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl
>
>
>
>
>

8871. Re: [AWA Group] article "An Old Timer Gets Back in the Game" attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-17 17:19:38 UTC
From: Louis Vermond
Topic: 8558 Message: 8871

Doug,

One "customer" equals a 1000. I will begin finding and scanning today. Starting with 1920, I will file as I scan them. 73, Lou

----- Original Message -----
From: Doug Forbes
To: AWAGroup@yahoogroups.com
Cc: Louis Vermond
Sent: 2013-12-17 11:55 AM
Subject: Re: [AWA Group] article "An Old Timer Gets Back in the Game" attached

I would love to see any additional articles. The one I posted was from the November 1930 QST. I omitted the date and page numbers etc. to max out the print size for printing.

Doug Forbes WA6VYN
On 12/17/2013 8:43 AM, Louis Vermond wrote:
☐
Doug,

I agree with Steve, thank you for your work in getting this out.

There are many transmitter "basics" articles in the 1920s QSTs written by Kruse and others. If there is a wish for them, I will scan them and file.

Wt sa?

73, Lou

----- Original Message -----
From: Steve
To: AWAGroup@yahoogroups.com
Sent: 2013-12-17 11:32 AM
Subject: Re: [AWA Group] article "An Old Timer Gets Back in the Game" attached

It is a great article with some sound advice. I recall reading it a few years ago...what...1932 QST or thereabouts? Perhaps we should put it into the files in jpg format?

Doug - how did you manage in the BK...hear or work anyone?

Steve

> Most of you probably already know this article but I thought there may
> be those anticipating the BK next year who may, like me, find it quite
> interesting. Also there may be those who could revise it as a result of
> personal experience.
>

>
> Doug Forbes WA6VYN
>
>

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8872. Ron Barlow

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 02:10:00 UTC
From: Louis Vermond
Topic: 8872 Message: 8872

Please write directly. Tks, Lou

Ldvermond@...

8873. QST Transmitter Article Scans

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 03:22:20 UTC
From: Louis Vermond
Topic: 8873 Message: 8873
Attachments: 1 described; binary payloads are missing from this source WARC

I've spent the evening going though the 1920 issues looking for related articles. Kept getting sidetracked by part ads.

Going to the File section, look for the file entitled, "QST Transmitter Article Scans 1920 through 1925"

First upload is:

The image size is appropriate for easy reading and will give a clear print.

GN, Lou VE3AWA

8874. Re: [AWA Group] New Member -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 10:33:52 UTC
From: N1BUG
Topic: 7899 Message: 8874

Please welcome Carsten, DL6LAU, who would like to build his first Hartley or TNT.

Welcome Carsten !

I remember our 2 meter EME QSO on 16 November, 1989.

I hope you have as much fun hunting parts, building and using your old time transmitter as I did !

73,
Paul N1BUG

8875. Re: [AWA Group] New Member -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 11:36:47 UTC
From: Larry Szendrei
Topic: 7899 Message: 8875

On 12/18/13 5:33 AM, N1BUG wrote:
>
> Please welcome Carsten, DL6LAU, who would like to build his first
> Hartley or TNT.
>
> Welcome Carsten !
>
Yes, Welcome, and have fun with the 1929 transmitter build.

And where was N1BUG during the BK? Hard to believe I missed you, Paul!
If you need a new challenge, build a period receiver and use that in the
BK. To use a popular phrase, that would "level the playing field" a bit.

73,
-Larry/NE1S

8876. Re: [AWA Group] New Member - DL6LAU

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 11:55:58 UTC
From: Carsten Esch
Topic: 7899 Message: 8876

... thanks for the warm welcome guys, much appreciated.

Actually my subscription to this group it is the result of the great web pages of Steve, VE7SL. I got really inspired there!

At the age of 48, I've been a ham for 32 years now. Started on VHF and UHF (2m and 70cm EME) but also do/did a lot of contesting mainly in larger M/M groups. For the last years I was operating at K3LR for the CQWWDX SSB contests, I also belong to the PJ2T group on Curacao, if I have the choice I operate CW ;-) ...

I have a remote controlled station and enjoy chasing the last needed DXCC bandslots on shortwave and am QRV in EME on 23cm/13cm/3cm and 24GHz (as DL0SHF).

I will start to collect parts for a TNT, have to start at zero, no parts from that era in the 'junk box' here.

Probably will have the first questions soon ;-)

73ss

Carsten, DL6LAU

8877. N1BUG & the BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 16:18:17 UTC
From: N1BUG
Topic: 7899 Message: 8877

And where was N1BUG during the BK?
MIA. AWOL. Something like that.
After extensive home renovation/repair, including completely rebuilding two exterior walls of the ham shack, I've had a nearly unlimited supply of radio projects getting the DX station up and running in a very different (better) layout. The OT operating position has been displaced and I need to figure out logistics of a new location. Somehow the hobby has become nearly a full time job and getting set up for the BK seemed like one project too many. I elected to preserve the fun of OT radio by not making it seem like more work. One well known member of our group suggests I take a break from radio and chase buxom women for a while. Hmm.... :-)

If you need a new challenge, build a period receiver and use that in the BK.
It's on the list! I have all the parts for such a receiver, though one part I am not particularly happy with and restoring another is a Project in and of itself. I already have 20 hours into my attempt to recreate a needed paper label and I'm not a quarter of the way there yet! I was actually sort of hoping an alernative part in better condition might turn up. The board for the receiver has been cut and sanded for over a year. I suppose I'm waiting for a wave of that mysterious thing called motivation to hit me. Usually when it does, it's a tsunami.

73,
Paul (aka Bugsy around here)

8878. Re: [AWA Group] N1BUG & the BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 16:38:51 UTC
From: Louis Vermond
Topic: 7899 Message: 8878

I was actually sort of hoping an alernative part in better condition might turn up. ...and that part is?

8879. Re: [AWA Group] N1BUG & the BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 16:55:54 UTC
From: N1BUG
Topic: 7899 Message: 8879

I was actually sort of hoping an alernative part in better condition might turn up. ...and that part is?

Hen's tooth.
Er... I mean 1 mfd by-pass condenser.

Actually that brings me to a question I've been meaning to ask. Would a period correct 1 mfd filter condenser work in a receiver by-pass application? I suspect yes. More to the point, if so... would a 1920s builder have been likely to use one in place of the other?

Bugsy

8880. Re: [AWA Group] N1BUG & the BK

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 17:20:47 UTC
From: Steve
Topic: 7899 Message: 8880

>One well known member of our group suggests I take a break from radio and
>chase buxom women for a while. Hmm.... :-)

Gee...let me guess who that might have been ;-)

Paul...I agree 100%...when it becomes 'work' it is time to step back and reflect or do something else for a change. With real radio running through your veins it won't be long before you are back at it once again. Although I missed you this BK, you did not miss much as condx were absolutely horrid...we may not have even heard each other this time out.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8881. Re: [AWA Group] article "An Old Timer Gets Back in the Game" attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 18:26:25 UTC
From: Larry Szendrei
Topic: 8558 Message: 8881

On 12/17/13 11:23 AM, Doug Forbes wrote:
>
> Most of you probably already know this article but I thought there may
> be those anticipating the BK next year who may, like me, find it quite
> interesting. Also there may be those who could revise it as a result
> of personal experience.
>
I'll make one revision - there is an error in FIG 1, the "r. a. c." power supply. You cannot use a capacitor input filter with mercury vapour tubes (that "u" is for you, Lou!) - those "'66s" will get really unhappy. When using MV tubes the filter must be choke-input, with the minimum value of inductance being the "critical" value. Otherwise the peak currents drawn from the tubes are very high, and they WILL complain. With vacuum rectifiers the higher plate resistance limits the peak currents, and solid-state diodes (heresy!) are usually designed to take them.

The guy should have spent more time with his Handbook.

Now on to read the rest of the article...

73,
-Larry/NE1S

8882. RE: [AWA Group] article "An Old Timer Gets Back in the Game" attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 18:39:09 UTC
From: Mike Feher
Topic: 8558 Message: 8882

Well, in that case Larry, I'll also point out that in Fig. 2 the bottom schematic, I hope no one grabs the junction that he marked "cold". 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Wednesday, December 18, 2013 1:26 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] article "An Old Timer Gets Back in the Game" attached

On 12/17/13 11:23 AM, Doug Forbes wrote:

Most of you probably already know this article but I thought there may be those anticipating the BK next year who may, like me, find it quite interesting. Also there may be those who could revise it as a result of personal experience.

I'll make one revision - there is an error in FIG 1, the "r. a. c." power supply. You cannot use a capacitor input filter with mercury vapour tubes (that "u" is for you, Lou!) - those "'66s" will get really unhappy. When using MV tubes the filter must be choke-input, with the minimum value of inductance being the "critical" value. Otherwise the peak currents drawn from the tubes are very high, and they WILL complain. With vacuum rectifiers the higher plate resistance limits the peak currents, and solid-state diodes (heresy!) are usually designed to take them.

The guy should have spent more time with his Handbook.

Now on to read the rest of the article...

73,
-Larry/NE1S

8883. Hello!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 18:44:37 UTC
From: Roger Kuchera
Topic: 8883 Message: 8883

```
Hello Carsten,
      Glad to have you on board.

CUL, Roger/K1TG
```

8884. MIA 29'ers

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 19:54:15 UTC
From: whitebear1122@...
Topic: 7899 Message: 8884

I know of a few MIA 29'ers this year in addition to N1BUG (who won the event last year). Burt KB0MM who won 2 years ago was MIA, WA9QNN from Wisconsin is an SK in 2013 so he won't be participating. VE3CUI/VE3XY Eddy was MIA due to constant knee pain from replacement surgery. Don N9OO from Wisconsin, W0NYQ from MN . I didn't hear or more accurately didn't work AA9DH from Illinois this year either.

On the flip side I did hear several new calls and that is always fun. I'll report on those new folks in the Journal write up.

Did I hear another VE3 29 station? I'm pretty sure I heard an unknown VE3 station sounding very 29 like in the event. It didn't appear like he was passing along the standard exchange though. Nah I'm not taking about Eddy or Lou but someone else. Did any of you work him

The logs are starting to trickle in. I will acknowledge each received email log so you know I got it.

73, Scott WA9WFA

8885. Re: [AWA Group] article "An Old Timer Gets Back in the Game" attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 20:22:32 UTC
From: Larry Szendrei
Topic: 8558 Message: 8885

On 12/18/13 1:39 PM, Mike Feher wrote:
>
> Well, in that case Larry, I’ll also point out that in Fig. 2 the
> bottom schematic, I hope no one grabs the junction that he marked
> “cold”. 73 – Mike
>
>
Haven't got that far, yet Mike. You spoiled it for me! ;-)

(Been moving snow and took a break to play on 40M AM.)

73,
-Larry/NE1S

8886. RE: [AWA Group] article "An Old Timer Gets Back in the Game" attached

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 20:30:59 UTC
From: Mike Feher
Topic: 8558 Message: 8886

Must be nice to be young and fit to be moving snow. I would probably have a heart attack, HI. BTW, I cheated and just looked at the schematics. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Wednesday, December 18, 2013 3:23 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] article "An Old Timer Gets Back in the Game" attached

On 12/18/13 1:39 PM, Mike Feher wrote:

Well, in that case Larry, I'll also point out that in Fig. 2 the bottom schematic, I hope no one grabs the junction that he marked "cold". 73 – Mike

Haven't got that far, yet Mike. You spoiled it for me! ;-)

(Been moving snow and took a break to play on 40M AM.)

73,
-Larry/NE1S

8887. WA1KPD Log

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 23:44:56 UTC
From: Carl Nord
Topic: 8887 Message: 8887
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Scott

Attached is my humble (but fun) 5 entry log.

I do not have good handwriting so if it is a problem, let me know and I will type it up for you.

Thanks

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of whitebear1122@...
Sent: Wednesday, December 18, 2013 2:54 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] MIA 29'ers

I know of a few MIA 29'ers this year in addition to N1BUG (who won the event last year). Burt KB0MM who won 2 years ago was MIA, WA9QNN from Wisconsin is an SK in 2013 so he won't be participating. VE3CUI/VE3XY Eddy was MIA due to constant knee pain from replacement surgery. Don N9OO from Wisconsin, W0NYQ from MN. I didn't hear or more accurately didn't work AA9DH from Illinois this year either.

On the flip side I did hear several new calls and that is always fun. I'll report on those new folks in the Journal write up.

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The logs are starting to trickle in. I will acknowledge each received email log so you know I got it.

73, Scott WA9WFA

8888. RE: WA1KPD Log

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-18 23:45:52 UTC
From: Carl Nord
Topic: 8887 Message: 8888

Ok, that was kind of dumb……

Sorry the log went to everybody……..

Carl Nord

WA1KPD

From: Carl Nord [mailto:chnord@...]
Sent: Wednesday, December 18, 2013 6:45 PM
To: 'AWAGroup@yahoogroups.com'
Subject: WA1KPD Log

Hi Scott

Attached is my humble (but fun) 5 entry log.

I do not have good handwriting so if it is a problem, let me know and I will type it up for you.

Thanks

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of whitebear1122@...
Sent: Wednesday, December 18, 2013 2:54 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] MIA 29'ers

I know of a few MIA 29'ers this year in addition to N1BUG (who won the event last year). Burt KB0MM who won 2 years ago was MIA, WA9QNN from Wisconsin is an SK in 2013 so he won't be participating. VE3CUI/VE3XY Eddy was MIA due to constant knee pain from replacement surgery. Don N9OO from Wisconsin, W0NYQ from MN. I didn't hear or more accurately didn't work AA9DH from Illinois this year either.

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The logs are starting to trickle in. I will acknowledge each received email log so you know I got it.

73, Scott WA9WFA

8889. New File: "A Few Ideas for Amateur C.W."

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-19 00:25:43 UTC
From: Louis Vermond
Topic: 8889 Message: 8889
Attachments: 1 described; binary payloads are missing from this source WARC

It says a few, but there are many. If you want a basic knowledge of early post-WW-One amateur transmitter practices, this will oblige.

http://groups.yahoo.com/neo/groups/AWAGroup/files/%20QST%20Transmitter%20Article%20Scans/

The scans appear out of sequence. Have no idea why....

8890. Article referred to in "An Old Timer Gets Back in the Game"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-19 03:36:17 UTC
From: Doug Forbes
Topic: 8889 Message: 8890
Attachments: 1 described; binary payloads are missing from this source WARC

Referred to October 1927 QST article regarding R.F. chokes.

Doug Forbes WA6VYN

8891. Re: [AWA Group] Murphy Has Been Defeated !!!!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-19 04:53:43 UTC
From: Ron Barlow
Topic: 8761 Message: 8891

Hi Carl,

Sri for the delay in getting this info to you. I did not have an opportunity to check the shorted turns, vs open circuited turn situation, on my new 160m xmtr, in a more timely fashion.

I did not have a means of making a precise measurement, but I could not see a noticeable difference in the brightness of the pilot lamp type dummy load, in the shorted turns, vs open turns comparison.

I did have to readjust the 3 turn output coupling link, to maintain a maximum power output condition, which was no surprise, as the output link was essentially positioned directly over the turns that were to be shorted.

I am glad that you were able to log some BK QSOs, last weekend!

73 de Ron n4gjv

8892. A memorable QSO

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-19 12:20:43 UTC
From: N1BUG
Topic: 8892 Message: 8892

Recently I mentioned I would use the TNT for the occasional DX QSO if I could get it on frequency with less "swishing" the band. Following the comment, there has been some private discussion which has prompted me to share this story. Some may find it interesting. I don't think I posted this before. If I did, my apologies for doing it again.

One cold evening in late 2012, I was tuning around 160 meters looking for DX to work with the big station. Finding not much aside from some very nice signals out of Europe and the UK, I decided to hook up the TNT and give G3PQA a call. John sent "?" a time or two as I was madly swishing around trying to get the rig to land on his frequency and stay there when I removed my hand from its immediate vicinity. Eventually I did get close enough and gave him a call. John said my signal was QRH and QRI (number not specified though :-) He then asked if I was running an old time rig! This just goes to show you can't fool an experienced ear! I was surprised he heard me well enough to comment on the tone, as I think it actually sounds pretty good on 160. As for frequency shift, well, that's a little more obvious even with weak signals. :-) It was a QSO I will long remember. Most people don't comment on the signal at all, and those that do usually just say it sounds a bit strange. John is the only one so far (aside from members of this group, of course) to equate the sound with an old time rig and ask about it. How often does one hear QRH or QRI used on the bands these days?

John and I had a little chat about it in a web based ham radio chat room later, and I sent him a link to pictures of the TNT.

73,
Paul

8893. Re: [AWA Group] RE: WA1KPD Log

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-19 14:58:48 UTC
From: whitebear1122@...
Topic: 8887 Message: 8893

Carl and all, I'm guessing that all the 29'ers were happy to take a look at your log, see how many 29'ers you worked, who you worked, what bands, what times, what signal reports you were getting and giving , what you were using, what they were using. I actually enjoy looking through the logs. 73, Scott WA9WFA

----- Original Message -----
From: "Carl Nord" <chnord@...>
To: AWAGroup@yahoogroups.com
Sent: Wednesday, December 18, 2013 5:45:52 PM
Subject: [AWA Group] RE: WA1KPD Log

Ok, that was kind of dumb……

Sorry the log went to everybody……..

Carl Nord

WA1KPD

From: Carl Nord [mailto:chnord@...]
Sent: Wednesday, December 18, 2013 6:45 PM
To: 'AWAGroup@yahoogroups.com'
Subject: WA1KPD Log

Hi Scott

Attached is my humble (but fun) 5 entry log.

I do not have good handwriting so if it is a problem, let me know and I will type it up for you.

Thanks

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of whitebear1122@...
Sent: Wednesday, December 18, 2013 2:54 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] MIA 29'ers

I know of a few MIA 29'ers this year in addition to N1BUG (who won the event last year). Burt KB0MM who won 2 years ago was MIA, WA9QNN from Wisconsin is an SK in 2013 so he won't be participating. VE3CUI/VE3XY Eddy was MIA due to constant knee pain from replacement surgery. Don N9OO from Wisconsin, W0NYQ from MN. I didn't hear or more accurately didn't work AA9DH from Illinois this year either.

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The logs are starting to trickle in. I will acknowledge each received email log so you know I got it.

73, Scott WA9WFA

8894. Re: [AWA Group] A memorable QSO

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-19 15:08:37 UTC
From: Louis Vermond
Topic: 8892 Message: 8894

Thank you, Paul. My memorable TNT story is this. In the mid-70s Fred, WA3KIO and I arranged a TNT two-way on 80 one evening. We hooked up on the AWA CW net freq. After a bit, Ken, W2BGN/AWA (sk) broke in with FB sig rpts. A pleasant memory... Lou

----- Original Message -----
From: N1BUG
To: AWAGroup
Sent: 2013-12-19 7:20 AM
Subject: [AWA Group] A memorable QSO

Recently I mentioned I would use the TNT for the occasional DX QSO if I could get it on frequency with less "swishing" the band. Following the comment, there has been some private discussion which has prompted me to share this story. Some may find it interesting. I don't think I posted this before. If I did, my apologies for doing it again.

One cold evening in late 2012, I was tuning around 160 meters looking for DX to work with the big station. Finding not much aside from some very nice signals out of Europe and the UK, I decided to hook up the TNT and give G3PQA a call. John sent "?" a time or two as I was madly swishing around trying to get the rig to land on his frequency and stay there when I removed my hand from its immediate vicinity. Eventually I did get close enough and gave him a call. John said my signal was QRH and QRI (number not specified though :-) He then asked if I was running an old time rig! This just goes to show you can't fool an experienced ear! I was surprised he heard me well enough to comment on the tone, as I think it actually sounds pretty good on 160. As for frequency shift, well, that's a little more obvious even with weak signals. :-) It was a QSO I will long remember. Most people don't comment on the signal at all, and those that do usually just say it sounds a bit strange. John is the only one so far (aside from members of this group, of course) to equate the sound with an old time rig and ask about it. How often does one hear QRH or QRI used on the bands these days?

John and I had a little chat about it in a web based ham radio chat room later, and I sent him a link to pictures of the TNT.

73,
Paul

8895. RE: [AWA Group] Article referred to in "An Old Timer Gets Back in the Game"..the GDO

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-19 16:13:06 UTC
From: Poli, Louis (US SSA)
Topic: 8895 Message: 8895

A Grid Dip Meter by any other name.
They can often be found at ham fests. There were many good test designs/projects in the ARRL handbooks of the 50s and 60's, and not hard to build.
If you need a particular frequency range, just wind a probe coil for it.

It is the nature of resonance for any a particular/cap to be typically very sensitive to the grid dip meter coil probe nearby.
I can be more than a foot away and the meter will start to dip at resonance.

The looser the coupling this way, the more accurate, very accurate, the reading in frequency.
So even now, a very good technique to look at anything resonant, or attempting resonance.
So also a great tool for you for the resonant circuits in xmitters and rcvrs.

If anyone is interested, I will look up a good one (and easy to build) and share it here.

Louis Poli N3OL

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Doug Forbes
Sent: Wednesday, December 18, 2013 10:36 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Article referred to in "An Old Timer Gets Back in the Game"

Referred to October 1927 QST article regarding R.F. chokes.

Doug Forbes WA6VYN

8896. Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-20 00:12:13 UTC
From: <dulmagedon@...>
Topic: 8896 Message: 8896

I back, Never got near rig while I was away but had good intentions in Speyer De where the ham club is often at the techniks museum . I simply ran out of time. Thought we had all day but it turned out only a couple of hours free to wonder around. Would have been fun to listen for some BKs there.
Now that I am back I tried a little different approach to the Loop am on the TNT. I tried it on the top of the grid coil since I figured on a TNT the dominant Q is the plate tank circuit and the grid coil is somewhat under its control whether it likes it or not. Thought it might produce a stabler signal even though the plate loop worked fine. A 1 turn loop wouldnt do it but three worked quite while. I suspect a 4 turn would have been perfect. I will try it tomorrow. I have been working around 7i18 to 7120 . Been calling CW too . If anyone in reasonable rang is up for a qso I will fire it up. I can go as high s 7290 but it is almost too busy to be there with QRP style power. I would like to mke a CW contact then try the loop am once the cw is established. Even if it was for just a minute.
Starting to ready the Power supply for the 211 filaments. May just pop a .small resistance in the 12 volt circuit to get the 10 volt heater voltage. Otherwise we are good to go on the big 211 hartley after Christmas. It has no loop am but will be CW only for awhile.
Don

8897. eBay Alert Be an instant Mike...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-20 09:30:14 UTC
From: Louis Vermond
Topic: 8897 Message: 8897
Attachments: 1 described; binary payloads are missing from this source WARC

Buy them Now: Price: US $154,876.54

http://www.ebay.com/itm/Antique-Radio-Collection-lot-vintage-console-breadboards-crystal-website/251395479235?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D3526266188963835604%26pid%3D100084%26prg%3D1115%26rk%3D5%26rkt%3D8%26sd%3D181285278747%26&ssPageName=ADME:B:SS:US:3160
For example...

8898. Re: [AWA Group] Article referred to in "An Old Timer Gets Back in the Game"

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-20 09:56:39 UTC
From: Louis Vermond
Topic: 8889 Message: 8898

Thank you, Doug. This is timely for me.

73, Lou

----- Original Message -----
From: Doug Forbes
To: AWAGroup@yahoogroups.com
Sent: 2013-12-18 10:36 PM
Subject: [AWA Group] Article referred to in "An Old Timer Gets Back in the Game"

Referred to October 1927 QST article regarding R.F. chokes.

Doug Forbes WA6VYN

8899. [AWA Group] Ron Barlow

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-20 10:26:26 UTC
From: Louis Vermond
Topic: 8872 Message: 8899

Please write directly. Tks, Lou

Ldvermond@...

8900. RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-20 11:51:25 UTC
From: <dulmagedon@...>
Topic: 8896 Message: 8900

There is lot more to this loop thing then I would have thought. How it got passed over this side of the ocean is kind of hard to understand. I suspect it is too simple which is always an obstacle for some folks. I now realize most will never even try despite the fact it would take all of ten minutes to implement. I have been comparing it with cathode and screen modulation and even at this early stage am surprised how effective it is. I may do a purpose built unit with some good stomp for regular AM work since I am growing weary of talking to my dummy load and instruments. Or I may sub the grid coil of my TNT with a crystal so I will have a more presentable signal to the non pre 1929 hams. I know it bothers non early radio folks when the signal is a bit wonky. They usual give a email reply by using QRZ data and include a small lecture about signal seemed to wander a bit when you were tuning up and was slightly musical. A rock even for a short test would help big time and since the circuit is essentialy identical would be a simple solution. In the meantime late afternoons I will be working 7115 to 7120 CW with the TNT. (3.30 to 4.30 PM EST
VE3LYX
don

8901. RE: [AWA Group] eBay Alert Be an instant Mike...

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-20 13:54:25 UTC
From: Mike Feher
Topic: 8897 Message: 8901
Attachments: 1 described; binary payloads are missing from this source WARC

Yes, that collection has been available for a while. There are only a few decent items in there, and in total it may be worth 10% of his BIN price. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Friday, December 20, 2013 4:30 AM
To: AWAGroup
Subject: [AWA Group] eBay Alert Be an instant Mike...

Buy them Now: Price: US $154,876.54

http://www.ebay.com/itm/Antique-Radio-Collection-lot-vintage-console-breadboards-crystal-website/251395479235?_trksid=p11021.m2364
<http://www.ebay.com/itm/Antique-Radio-Collection-lot-vintage-console-breadboards-crystal-website/251395479235?_trksid=p11021.m2364&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D3526266188963835604%26pid%3D100084%26prg%3D1115%26rk%3D5%26rkt%3D8%26sd%3D181285278747%26&ssPageName=ADME:B:SS:US:3160>
&_trkparms=aid%3D555003%26algo%3DPW.CAT%26ao%3D2%26asc%3D216%26meid%3D3526266188963835604%26pid%3D100084%26prg%3D1115%26rk%3D5%26rkt%3D8%26sd%3D181285278747%26&ssPageName=ADME:B:SS:US:3160

For example...

8902. Re: [AWA Group] Article referred to in "An Old Timer Gets Back in the Game"..the GDO

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-20 13:55:41 UTC
From: Larry Szendrei
Topic: 8895 Message: 8902

On 12/19/13 11:13 AM, Poli, Louis (US SSA) wrote:
>
> A Grid Dip Meter by any other name.
>
> I have and use one of t.
>
>

I own and use one of the Measurement Corp. units. Used to have an Eico
but sold it after a acquired this one.

73,
-Larry/NE1S

8903. Old QST files

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 02:23:07 UTC
From: <dulmagedon@...>
Topic: 8903 Message: 8903

I have been reading a lot of the old QST files Lou has scanned in.. Very interesting reading. One from around 1920 mentioned the possibility of using the same circuit as a receiver and transmitter negating the need to tune. Since I have such a rig built and ion air I found it very interesting that it was mentioned way back then . Actually it works quite well and is done basically by switching plate or B voltage on a hartely osc and switching the phones in or out at the same time . I was surprised to see it mentioned as when I did it it was not the most popular idea. What is most surprising is the no one else has one since most already have a Hartley, a pair of 2000 ohm phones and a dpdt switch. I use a pot as well in my current one but have done it with just adjusting voltage as well. The other circuit that caught my eye was the self rectifying transmitter which uses the rf tubes to make dc in a push pull fashion and produces according to the article smooth clean rf since each tube operates only during the + side of the ac cycle. Some of that ancient stuff is quite interesting. Thanks Lou.. I have an article called the last ditcher about portable battery powered transmitter. It is from 1947 though so it is probably too new. Still I may build it if I can find the rare tube or it said a 19 could also be used.
Don

8904. Looper Don

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 03:52:35 UTC
From: Louis Vermond
Topic: 8904 Message: 8904

Please write directly. Lou

Ldvermond@...

8905. eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 13:45:04 UTC
From: Louis Vermond
Topic: 130 Message: 8905

Why aren't these gone? Cheap!

http://www.ebay.com/itm/Hammerlund-National-Heathkit-Hallicrafter-Knightkit-20-plus-radios-/191009613966?ssPageName=ADME:B:SS:US:1120

8906. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 14:02:04 UTC
From: KG4KGL
Topic: 130 Message: 8906

I would guess the "local pickup only" is keeping a lot of people away.
BIN: $2900
Flight to Vegas: $200
Rental to haul radios: $200
Losing my shirt at the blackjack tables: north of $5000

Yeah, I don't see a way of making any money on this deal either. :D

Robert
KG4KGL

Sent from my iPhone

> On Dec 21, 2013, at 8:45, Louis Vermond <ldvermond@...> wrote:
>
> Why aren't these gone? Cheap!
>
> http://www.ebay.com/itm/Hammerlund-National-Heathkit-Hallicrafter-Knightkit-20-plus-radios-/191009613966?ssPageName=ADME:B:SS:US:1120
>

8907. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 14:09:49 UTC
From: Louis Vermond
Topic: 130 Message: 8907

Less the unnecessary $500, still cheap....

----- Original Message -----
From: KG4KGL
To: AWAGroup@yahoogroups.com
Sent: 2013-12-21 9:02 AM
Subject: Re: [AWA Group] eBay Alert

I would guess the "local pickup only" is keeping a lot of people away.
BIN: $2900
Flight to Vegas: $200
Rental to haul radios: $200
Losing my shirt at the blackjack tables: north of $5000

Yeah, I don't see a way of making any money on this deal either. :D

Robert
KG4KGL

Sent from my iPhone

On Dec 21, 2013, at 8:45, Louis Vermond <ldvermond@...> wrote:

Why aren't these gone? Cheap!

http://www.ebay.com/itm/Hammerlund-National-Heathkit-Hallicrafter-Knightkit-20-plus-radios-/191009613966?ssPageName=ADME:B:SS:US:1120

8908. Re: [AWA Group] eBay Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 14:41:01 UTC
From: KG4KGL
Topic: 130 Message: 8908

The unnecessary amount was $5000 not $500. :D

All kidding aside, I wish I had the time to make the trip. I think selling all but one or two of them and making a little profit to fund further radio endeavors would be fun.

Robert
KG4KGL

> On Dec 21, 2013, at 9:09, Louis Vermond <ldvermond@sympatico.ca> wrote:
>
> ☐
>
> Less the unnecessary $500, still cheap....
>
>
> ----- Original Message -----
> From: KG4KGL
> To: AWAGroup@yahoogroups.com
> Sent: 2013-12-21 9:02 AM
> Subject: Re: [AWA Group] eBay Alert
>
>
> I would guess the "local pickup only" is keeping a lot of people away.
> BIN: $2900
> Flight to Vegas: $200
> Rental to haul radios: $200
> Losing my shirt at the blackjack tables: north of $5000
>
> Yeah, I don't see a way of making any money on this deal either. :D
>
> Robert
> KG4KGL
>
>
> Sent from my iPhone
>
>> On Dec 21, 2013, at 8:45, Louis Vermond <ldvermond@...> wrote:
>>
>>
>> Why aren't these gone? Cheap!
>>
>> http://www.ebay.com/itm/Hammerlund-National-Heathkit-Hallicrafter-Knightkit-20-plus-radios-/191009613966?ssPageName=ADME:B:SS:US:1120
>
>

8909. ATTN: Scott - BK LOG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 16:45:00 UTC
From: Steve
Topic: 7899 Message: 8909

Scott - I have sent my BK log now, two times, to the address listed in the BK Rules pages but so far no 'receipt'....did you get it?

Steve / 73 / VE7SL

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8910. RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 17:05:42 UTC
From: <dulmagedon@...>
Topic: 8896 Message: 8910

My first successful loop modulation contact 10:19 this morning with Tim VE6PG in Carrot Creek Ontario. According to QRZ.com 179.6 miles which would be good for my TNT never mind AM too. Will try later today again as the band is fading now. Frequency was 7120 and I use the loop in the plate circuit rather then the loop I put in the grid circuit.
Don VE3LYX

8911. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 17:21:18 UTC
From: Carl Nord
Topic: 8896 Message: 8911

Hi Don,

Is the loop at the variable cap end or B+ end of the plate coil?

Thanks

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Saturday, December 21, 2013 12:06 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] RE: Further AM TNT experiments

My first successful loop modulation contact 10:19 this morning with Tim VE6PG in Carrot Creek Ontario. According to QRZ.com 179.6 miles which would be good for my TNT never mind AM too. Will try later today again as the band is fading now. Frequency was 7120 and I use the loop in the plate circuit rather then the loop I put in the grid circuit.

Don VE3LYX

8912. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 17:24:46 UTC
From: Louis Vermond
Topic: 8896 Message: 8912

DON....Post a photo pls...

----- Original Message -----
From: Carl Nord
To: AWAGroup@yahoogroups.com
Sent: 2013-12-21 12:21 PM
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Hi Don,

Is the loop at the variable cap end or B+ end of the plate coil?

Thanks

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Saturday, December 21, 2013 12:06 PM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] RE: Further AM TNT experiments

My first successful loop modulation contact 10:19 this morning with Tim VE6PG in Carrot Creek Ontario. According to QRZ.com 179.6 miles which would be good for my TNT never mind AM too. Will try later today again as the band is fading now. Frequency was 7120 and I use the loop in the plate circuit rather then the loop I put in the grid circuit.

Don VE3LYX

8913. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 18:41:17 UTC
From: <dulmagedon@...>
Topic: 8896 Message: 8913

Dons looper

I made an albumn as named above. It is opposite the plate end but that may not be significant. Pencil points to the coil. It is not unlike lou's except his loop is bigger. I had a bit of a conversation with someone but they didn't ID last time , just now. . Copied them well though whoever it was. Probably a 5X6 sig report. .
I used the lamp loop simply because I knew it was located in a spot where it could obtain energy. I tried another loop on the grid coil and it worked but no as well. Pretty exciting day here at the shack.
So this system works at least . Now if it was on a Hartley which is more stable and if the final product of that was fed to a Amplifier there would be no limit I think. I have a loop on my Hartley transceiver but it is pretty low on power even though it is a Mopa (56/42) I doubt it would get out today as it is pretty noisy on the band.
Anyway I will be testing on the 15 past the hour till 7 PM EST if any want to listen. Also should mention tis not a great radio day here as my Antenna has now about a 1/2 inch of freezing rain on it.
Don VE3LYX

8914. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 20:51:51 UTC
From: Louis Vermond
Topic: 8896 Message: 8914

Anyway I will be testing on the 15 past the hour till 7 PM EST if any want to listen. Also should mention tis not a great radio day here as my Antenna has now about a 1/2 inch of freezing rain on it.

What frequency again, Don? Lou

8915. Re: [AWA Group] Old QST files

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 21:31:44 UTC
From: Larry Szendrei
Topic: 8903 Message: 8915

On 12/20/13 9:23 PM, dulmagedon@... wrote:
>
> The other circuit that caught my eye was the self rectifying
> transmitter which uses the rf tubes to make dc in a push pull fashion
> and produces according to the article smooth clean rf since each tube
> operates only during the + side of the ac cycle.
>
Well, not 'xactly.

It does have the effect of rectifying the AC, but not filtering it. The result is a carrier modulated 100% with a 120 cycle tone - the same as you'd get off an unfiltered full-wave rectifier as your plate supply.

I'm guessing it would be legal wherever AM 'fone is allowed, but that's only logical, and laws often aren't. I think it might get you into trouble on the CW-only sub-bands (assuming you have such a thing in CA).

73,
-Larry/NE1S

8916. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 21:36:13 UTC
From: Larry Szendrei
Topic: 8896 Message: 8916

On 12/21/13 12:21 PM, Carl Nord wrote:
>
> Hi Don,
>
> Is the loop at the variable cap end or B+ end of the plate coil?
>
> Thanks
>
> Carl Nord
>
> WA1KPD
>
Don't know where Don put his, but I would think you'd want it on the B+ ("cold" for RF) side, as this would provide inductive coupling while minimizing capacitive coupling. Same as a link to the antenna or an amplifying stage.

73,
-Larry/NE1S

8917. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 21:59:28 UTC
From: Larry Szendrei
Topic: 8896 Message: 8917

On 12/20/13 6:51 AM, dulmagedon@... wrote:
>
> There is lot more to this loop thing then I would have thought. How
> it got passed over this side of the ocean is kind of hard to understand.
>
I suspect the modulation index (i.e., % modulation) achievable is fairly low. in other words, your "talk power" will be small for the amount of carrier you're running. Also I'd think you might get as much, or more, FM as AM, when used on an oscillator tank coil.

> I suspect it is too simple which is always an obstacle for some folks.
> I now realize most will never even try despite the fact it would take
> all of ten minutes to implement. I have been comparing it with cathode
> and screen modulation and even at this early stage am surprised how
> effective it is.
>
Effective by what measure?

Don't get me wrong - I don't want to rain on your parade - I respect you for experimenting with this, having fun, and kudos to you for doing it - but I think for the same carrier power you would make a lot more contacts with a more conventional modulation technique that will fully-modulate your carrier.

> I may do a purpose built unit with some good stomp for regular AM work
> since I am growing weary of talking to my dummy load and instruments.
> Or I may sub the grid coil of my TNT with a crystal so I will have a
> more presentable signal to the non pre 1929 hams.
>
I used to do this on CW. It worked OK on 80M but the XTAL current ran high and it was a rock-crusher - literally - on 40M. I cracked several XTALS.

> I know it bothers non early radio folks when the signal is a bit
> wonky. They usual give a email reply by using QRZ data and include a
> small lecture about signal seemed to wander a bit when you were
> tuning up and was slightly musical.
>
>
They need to lighten up and get a life ;-)

Would love to try to hear your "looper," Don. I've been on 40M AM, around 7290, in the mornings and early afternoons and have been having lots of good, solid QSOs with just 10W of carrier.

73,
-Larry/NE1S

8918. Re: [AWA Group] Old QST files

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 22:04:53 UTC
From: Louis Vermond
Topic: 8903 Message: 8918

It does have the effect of rectifying the AC, but not filtering it. The result is a carrier modulated 100% with a 120 cycle tone - the same as you'd get off an unfiltered full-wave rectifier as your plate supply. ...and it sounds just loverly, Don. In Canada we can opr modulated CW in, I beleive, the M & HF bands.

Lou

8919. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 22:26:14 UTC
From: <dulmagedon@...>
Topic: 8896 Message: 8919

So much ice on the antenna I have quit for the day. How it stys up I don't know. Anyway spurred on by my early success this morning I will refine it further.
I will expand a bit on the day. Lou asked me what my sig report was. Tim did not give me one.Probably because we meet weekends on 3725 Am phone and shoot the breeze. I had told him I would be testing on the 1/4 past all day so he said he was working around home and would leave the rx on 7120. Tim has a good setup especially on RX. he uses a loop of his own making and can often hear when other cannot. Anyway when I called CQ at the 10:15 thing he came back hurredly I think he was still tuning his TX when he started talking. HE said, I heard you Don I heard you! Don't know of you can hear me (I could) My next transmission was buried in noise and for a minute he couldn't find me and told me so. I tried again saying I was going to sig and said my 73s . He came right back saying I heard your 73s. Said he wouldleave the Rx on all day and would be in and out. Next time I had a response but couldn't get an ID. I asked him a question and he responded but since I have no idea who or where he was we will chuck that because it isn't verifiable. That was it for the day. Tim as I said is 179.6 miles from me by QRZ.com data. There are times when we couldn't work with my DX60B barefoot on 40M (I use a amp on 80M but it an 80M only amp).
So was it armchair copy? No but it was copy and we were able to understand each other. Considering the TNT is hardly a powerhouse and we were in AM not CW I was pretty stoked by the result. I figured maybe someone closer would hear. I will talk to Tim and the 3725 group in the morning (If I still have an antenna) and will have a better idea then how it was at his end but hopefully I will be excused for being just a wee bit excited. For some silly reason this style of modulation makes a lot of sense to me and I understand it quite well. Even right from the moment Lou described it for me I had an AH HA moment. A lot of things to think about here. I had it going thru my scope during the contact so it was sucking up some oomph too since my scope is not amplified (also HBrewed) Looks different but I can't be sure since the TNT doesn't really have enuf stomp for a big full sized pattern. Seemed narrow.
Don VE3LYX

8920. Re: [AWA Group] Old QST files

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 22:28:20 UTC
From: Larry Szendrei
Topic: 8903 Message: 8920

On 12/21/13 5:04 PM, Louis Vermond wrote:
>
> ☐
>
> It does have the effect of rectifying the AC, but not filtering it.
> The result is a carrier modulated 100% with a 120 cycle tone - the
> same as you'd get off an unfiltered full-wave rectifier as your plate
> supply. ...and it sounds just loverly, Don. In Canada we can opr
> modulated CW in, I beleive, the M & HF bands.
>
Cool :-)

8921. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-21 22:37:07 UTC
From: N1BUG
Topic: 8896 Message: 8921

On 12/21/2013 04:59 PM, Larry Szendrei wrote:

I suspect the modulation index (i.e., % modulation) achievable is fairly low. in other words, your "talk power" will be small for the amount of carrier you're running. Also I'd think you might get as much, or more, FM as AM, when used on an oscillator tank coil.

I have to confess I didn't start following this discussion from the beginning. Since I did start paying attention, I've had those same thoughts running through my mind. Is/was there an article on doing this? I would like to know more about the modulator circuit (that is, what drives the loop).

73,
Paul N1BUG

8922. I would like to know more about the modulator circuit (that is, what drives the loop).

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 00:21:59 UTC
From: Louis Vermond
Topic: 8922 Message: 8922
Attachments: 3 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8923. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 01:55:01 UTC
From: <dulmagedon@...>
Topic: 8896 Message: 8923

I would rejet the FM idea. I monitor on a digital and it is not really suited to its it is very narrow. Signal is strong and deep with full audio range. Appears not to be very wide on the rx.. IE you can hear it fine at 7120 and almost not at all at 7119. I would venture as far as to say it is narrower then a regular Am signal that is created by adding a signal to the carrier. This adds nothing but absorbs part of what would normally have gone up the antenna.The reason I say this is I was concerned about that and first tried the system in the antenna link coil. When I finally saw Lou photo I decided to try it using the lamp loop. It works so far the best . For sure I know it isn't 100% modulation but 100% modulation is not really required for good communication. anything above 45 to 50 is usable and 75 to 90 is excellent. Above that it is in my opinion more my dogs bigger then you dog rather then anything that in practice is of great significance. I would guess it to be in the area of 50% or so. Remember you really are adding nothing. You are taking away a portion of the carrier . It is my opinion and I may be wrong that it will look very different on an amplified scope then conventional AM. I have prepared a loop on my 160M arc 5 so I can do a scope check wth enuf power to get a good sized pattern to see. However today had enuf excitement of its own. How does it work? The loop collects RF because it is on the electromagnetic field of the tank coil just the same as it would if it was a tuning lamp loop with a 52 bulb (which I use on many of my HB rigs) the RF collected goes to the carbon mic where it is absorbed seeing as how the carbon mic is big resistor. Since the resistance varies exactly in synch with your voice that portion of the carrier is cut away and absorbed rather then going up the antenna its disappears into the carbon mic. what is left of the carrier is what like you had cut your voice pattern away with scissors if that were possible. The actual RF produced in the tank coil does not change significantly but where it goes (antenna or carbon mic) is what is changed. It sounds different too. You don't hear the carrier much at rest but ti punches thru when you talk. Watching on the S meter of the monitor rx which is not hooked to a big antenna and has its rf gain reduced and the volume turned down the modulation is clearly visable as you talk. The meter swings are not small but quite dramatic. My suggestion would be take a few minutes and try it. As Smoky Eunich once said "1 good experiment beats 1000 expert opinions" In this cse 10 minutes top will get you in the game.
And then let us not forget what we are using this on. Pre 1929 style transmitters which were for the most part always CW only this side of the ocean when built in this fashion. Now if we lived back then and that was a
all you had for a rig but you were able to add usable human voice transmission with a device such as this you would I think really appreciate it. There is little if any info on it over here in North America. It seems to be a British idea that was really never saw the light of day. It would not be the first nor the last good idea to get buried. My dad a former Collins Radio Aircraft radio design engineer told me early this year for about the umpteenth time "Try everything you think off. Not everything that can be done in radio is written down in books even today. I talked to him yesterday about this for the first time. He had not heard of it but found it interesting and gave me encouragement to press on. There are limitations to it. because the mic is the absorber it needs to be a big one so it doesn't overheat . Two or three could be used or a extra load such as a light bulb could be put in series with it (Yeah already tried that with a 12 volt lamp. It worked and was a nice modulation indicator except my TNT does not even warm up the # 3 hand mic I am using

so the bulb gained me nothing.) My TNt has enuf drive though to drive my 811A homebrew GG amp to some decent level. I know that because of how little drive I need with my DX60B on it when using it on 80M . Not to full power perhaps but to significant power.
Doesn't take much drive to pop a 150 watts output. 5 to 6 watts would give it decent push and I might realize 60 to 75 watts out perhaps. That would be the way to use it. It wont happen though. The 811A GG was purpose built and suits that application fine for my 80M AM work. I do not intend to monkey with it. Also Tim VE6PG could hear me 179.6 miles away in not the best of band conditions. I can settle for that. On a good day it would be 100% copy I suspect. The $64 question is how did such a workable solution get hidden from North America and eventually the world for 90 years. Sometimes it is just the right idea comes to the "wrong" person.

8924. WA1KPD 2014 OLDE TYME RADIO CALENDAR

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 03:01:52 UTC
From: Carl Nord
Topic: 8924 Message: 8924

The WA1KPD 2014 OLDE TYME RADIO CALENDAR is available for downloading for free at:

http://home.comcast.net/~chnord/wa1kpd.html

Enjoy it and have a very good 2014

Carl Nord

WA1KPD

8925. Other loops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 12:58:35 UTC
From: <dulmagedon@...>
Topic: 8925 Message: 8925

How did I know how it worked maybe you wonder so I will explain.
I am a fanatic about regen receivers and have built many. Currently I have 5 running here. So I have read and played to my hearts content. There was un one book a regen circuit controlled by the absorbtion method which instead of controlling the feed back by controlling plate voltage and thus voltage in the tickler coil it used that coil instead to draw energy from the circuit into an adjustable rheo. just the coil and a variable resistance . No outside supply to this absorbtion coil. It was reportably very controllable and stable voiding the wonkiness of other designs but never caught on "this side of the ocean"
The princible is identical except a carbon mic is used in the transmitter instead of the Rheostat. I knew instantly when Lou described it it was basically the same circuit.

Meanwhile here at the ranch we were caught dead centre by the freezing rain storm. Antennas are down, Power is out and probably will be for several days. We had rain at below freezing for more then a day and a half. I ran house temp about + 5 deg from normal so we could coast a bit longer. Now though it is starting to get cool. I may have to jury rig an inverter of sorts from our car to the furnace so I can run it occasionally to keep the hot water heating from freezing. I have a 1 KW inverter somewhere that needs some minor repair. This may be its moment!
Don
Don
Don

8926. Re: [AWA Group] I would like to know more about the modulator circuit (that is, what drives the loop).

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 13:31:47 UTC
From: N1BUG
Topic: 8922 Message: 8926

Wow! I guess I really wasn't paying attention! I'd seen those pictures (tnx Lou) before but didn't catch on. Duh. Forty lashes with a piece of antenna wire for me.

This would be an interesting experiment to try. If the TNT and test equipment were set up and I had a carbon microphone I would try it now. They aren't and I don't. If and when I do try this, I have enough test equipment to check depth of AM modulation and FM deviation, if any.

73,
Paul N1BUG
(watching antennas ice up and hoping for a favorable outcome)
(contemplating strategies for clearing a mix of sleet and ice layers from the driveway after this is over. Flame thrower?)

8927. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 13:32:11 UTC
From: Larry Szendrei
Topic: 8896 Message: 8927

On 12/21/13 12:05 PM, dulmagedon@... wrote:
>
> My first successful loop modulation contact 10:19 this morning with
> Tim VE6PG in Carrot Creek Ontario. According to QRZ.com 179.6 miles
> which would be good for my TNT never mind AM too. Will try later today
> again as the band is fading now. Frequency was 7120 and I use the loop
> in the plate circuit rather then the loop I put in the grid circuit.
>
> Don VE3LYX
>
> _
Awesome! Congrats, Don!

-Larry/NE1S

8928. Velvet Vernier Cleaning and Lubricating

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 14:28:23 UTC
From: Steve Flood
Topic: 8928 Message: 8928

I have a few National Velvet Vernier drives that have very stiff rotation. I suspect the insides are dirty. Has anyone ever tried to clean and lubricate these? If the internal planetary drive mechanism is all metal construction (?), I am thinking of soaking in an ammonia bath, followed by a good rinse, and then light machine oil. Any thoughts?

Steve, KK7UV

8929. RE: [AWA Group] Other loops

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 15:24:13 UTC
From: Mike Feher
Topic: 8925 Message: 8929

Don –

What do you mean it never caught on this side of the ocean? I, and all my fellow young radio enthusiast and young ham friends were experimenting and playing with this stuff from when I was about 13, 55 years ago. The early magazines are full of loop modulation and other modulation techniques. Sounds like you are having fun now, with the same stuff we did as kids playing spaceship, HI. It seems when I was naïve about electronics, most everything I tried worked in some fashion. After I understood what was going on, it became tougher. Merry Christmas & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Sunday, December 22, 2013 7:59 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] Other loops

How did I know how it worked maybe you wonder so I will explain.

I am a fanatic about regen receivers and have built many. Currently I have 5 running here. So I have read and played to my hearts content. There was un one book a regen circuit controlled by the absorbtion method which instead of controlling the feed back by controlling plate voltage and thus voltage in the tickler coil it used that coil instead to draw energy from the circuit into an adjustable rheo. just the coil and a variable resistance . No outside supply to this absorbtion coil. It was reportably very controllable and stable voiding the wonkiness of other designs but never caught on "this side of the ocean"

The princible is identical except a carbon mic is used in the transmitter instead of the Rheostat. I knew instantly when Lou described it it was basically the same circuit.

Meanwhile here at the ranch we were caught dead centre by the freezing rain storm. Antennas are down, Power is out and probably will be for several days. We had rain at below freezing for more then a day and a half. I ran house temp about + 5 deg from normal so we could coast a bit longer. Now though it is starting to get cool. I may have to jury rig an inverter of sorts from our car to the furnace so I can run it occasionally to keep the hot water heating from freezing. I have a 1 KW inverter somewhere that needs some minor repair. This may be its moment!

Don

Don

Don

8930. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 15:41:26 UTC
From: Mike Feher
Topic: 8896 Message: 8930

Don –

Not intentionally picking on you during this festive season, but, I just do not know how to gently say that you are very misinformed. Any type of intelligence placed on a carrier, regardless of the means, will widen the signal. It will not necessarily create FM, but in your case of modulating an oscillator it indeed will. Think about it some more before you post another dissertation. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Saturday, December 21, 2013 8:55 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

I would rejet the FM idea. I monitor on a digital and it is not really suited to its it is very narrow. Signal is strong and deep with full audio range. Appears not to be very wide on the rx.. IE you can hear it fine at 7120 and almost not at all at 7119. I would venture as far as to say it is narrower then a regular Am signal that is created by adding a signal to the carrier. This adds nothing but absorbs part of what would normally have gone up the antenna.The reason I say this is I was concerned about that and first tried the system in the antenna link coil. When I finally saw Lou photo I decided to try it using the lamp loop. It works so far the best . For sure I know it isn't 100% modulation but 100% modulation is not really required for good communication. anything above 45 to 50 is usable and 75 to 90 is excellent. Above that it is in my opinion more my dogs bigger then you dog rather then anything that in practice is of great significance. I would guess it to be in the area of 50% or so. Remember you really are adding nothing. You are taking away a portion of the carrier . It is my opinion and I may be wrong that it will look very different on an amplified scope then conventional AM. I have prepared a loop on my 160M arc 5 so I can do a scope check wth enuf power to get a good sized pattern to see. However today had enuf excitement of its own. How does it work? The loop collects RF because it is on the electromagnetic field of the tank coil just the same as it would if it was a tuning lamp loop with a 52 bulb (which I use on many of my HB rigs) the RF collected goes to the carbon mic where it is absorbed seeing as how the carbon mic is big resistor. Since the resistance varies exactly in synch with your voice that portion of the carrier is cut away and absorbed rather then going up the antenna its disappears into the carbon mic. what is left of the carrier is what like you had cut your voice pattern away with scissors if that were possible. The actual RF produced in the tank coil does not change significantly but where it goes (antenna or carbon mic) is what is changed. It sounds different too. You don't hear the carrier much at rest but ti punches thru when you talk. Watching on the S

meter of the monitor rx which is not hooked to a big antenna and has its rf gain reduced and the volume turned down the modulation is clearly visable as you talk. The meter swings are not small but quite dramatic. My suggestion would be take a few minutes and try it. As Smoky Eunich once said "1 good experiment beats 1000 expert opinions" In this cse 10 minutes top will get you in the game.

And then let us not forget what we are using this on. Pre 1929 style transmitters which were for the most part always CW only this side of the ocean when built in this fashion. Now if we lived back then and that was a

all you had for a rig but you were able to add usable human voice transmission with a device such as this you would I think really appreciate it. There is little if any info on it over here in North America. It seems to be a British idea that was really never saw the light of day. It would not be the first nor the last good idea to get buried. My dad a former Collins Radio Aircraft radio design engineer told me early this year for about the umpteenth time "Try everything you think off. Not everything that can be done in radio is written down in books even today. I talked to him yesterday about this for the first time. He had not heard of it but found it interesting and gave me encouragement to press on. There are limitations to it. because the mic is the absorber it needs to be a big one so it doesn't overheat . Two or three could be used or a extra load such as a light bulb could be put in series with it (Yeah already tried that with a 12 volt lamp. It worked and was a nice modulation indicator except my TNT does not even warm up the # 3 hand mic I am using so the bulb gained me nothing.) My TNt has enuf drive though to drive my 811A homebrew GG amp to some decent level. I know that because of how little drive I need with my DX60B on it when using it on 80M . Not to full power perhaps but to significant power.

Doesn't take much drive to pop a 150 watts output. 5 to 6 watts would give it decent push and I might realize 60 to 75 watts out perhaps. That would be the way to use it. It wont happen though. The 811A GG was purpose built and suits that application fine for my 80M AM work. I do not intend to monkey with it. Also Tim VE6PG could hear me 179.6 miles away in not the best of band conditions. I can settle for that. On a good day it would be 100% copy I suspect. The $64 question is how did such a workable solution get hidden from North America and eventually the world for 90 years. Sometimes it is just the right idea comes to the "wrong" person.

8931. Re: [AWA Group] Velvet Vernier Cleaning and Lubricating

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 15:39:44 UTC
From: Roger Kuchera
Topic: 8928 Message: 8931

Hi Steve,
I would avoid the use of Ammonia and stick to soap and water. If memory serves me, some of the parts are made of German Silver. Ammonia will dissolve Copper or it's alloys (ie. Brass). Not to a great degree but it might effect the innards.

CUL, Roger/K1TG

From: Steve Flood <kk7uv@...>
To: awagroup@yahoogroups.com
Sent: Sunday, December 22, 2013 9:28 AM
Subject: [AWA Group] Velvet Vernier Cleaning and Lubricating

I have a few National Velvet Vernier drives that have very stiff rotation. I suspect the insides are dirty. Has anyone ever tried to clean and lubricate these? If the internal planetary drive mechanism is all metal construction (?), I am thinking of soaking in an ammonia bath, followed by a good rinse, and then light machine oil. Any thoughts?

Steve, KK7UV

8932. Re: [AWA Group] I would like to know more about the modulator circuit (that is, what drives the loop).

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 16:04:53 UTC
From: Louis Vermond
Topic: 8922 Message: 8932

contemplating strategies for clearing a mix of sleet and ice layers from the driveway after this is over. Flame thrower?)
Time...

:0), Lou

8933. A little gift from Roger K1TG

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 16:13:42 UTC
From: Louis Vermond
Topic: 8933 Message: 8933
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8934. RE: [AWA Group] Velvet Vernier Cleaning and Lubricating

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 16:42:43 UTC
From: Steve Flood
Topic: 8928 Message: 8934

Soap and water it shall be. Thanks Roger, good points.

73, Steve KK7UV

8935. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 18:21:50 UTC
From: <dulmagedon@...>
Topic: 8896 Message: 8935

Free to think what you will. However if it widens the signal why isn't wider on the rx. Anyway to be honest I am not going to worry too much about it . It works very well and is quite simple to implement ,easy to hear obviously and I for one intend to enjoy it and use it. I had searched all the big old radio archives and found only one veiled reference to it in Radio News 1924. Nothing showed up in QST archives. Probably I have led a sheltered life like most of the rest here who quite obviously hadnt heard of it either. Got any pictures of when you and your pals did it back in the day?
You certainly took long enuf to speak up having all this knowledge while the rest of us stumbled around in the dark trying to figure it out. How about relating some of your experiments with it and perhaps a circuit diagrahm or two and the references you referred to from the 1950s. All the best..
Don

8936. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 19:08:05 UTC
From: Mike Feher
Topic: 8896 Message: 8936

I did not say anything earlier, as this group does encourage experimentation. What finally made me speak up was your constant reference to your re-inventing the wheel all by yourself. That we do not need. By 1924 better modulation methods were available. Loop modulation was popular during the spark days and real early vacuum tube days, but, still mostly in the teens or earlier. As 13 year olds we did not know better and tried all sorts of things, kind of like you are doing now, and, it is never too late to play. By the time I was 17, I had a nice home brew plate modulated rig that I built.

I do not think everyone on here led a sheltered life. However, being courteous, unlike me for speaking up, they seemed to lead you on as they too were probably pleased that you were learning and getting all this experience.

Regarding signal BW, well, what you hear is fine, but, the only reason you hear it is because it does have bandwidth. How much information would a single carrier of fixed frequency convey, if it was always present, or, always absent? As soon as it changes from one state to another, it takes BW to do it. Even Morse code has bandwidth. I do not want to spill the beans here, you need to learn a little theory on your own. The higher the speed the wider the frequency that CW occupies.

I still do not want to discourage you from experimenting and sharing your results just in case someone else would like to duplicate it. I am also happy that you are learning and making progress. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Sunday, December 22, 2013 1:22 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Free to think what you will. However if it widens the signal why isn't wider on the rx. Anyway to be honest I am not going to worry too much about it . It works very well and is quite simple to implement ,easy to hear obviously and I for one intend to enjoy it and use it. I had searched all the big old radio archives and found only one veiled reference to it in Radio News 1924. Nothing showed up in QST archives. Probably I have led a sheltered life like most of the rest here who quite obviously hadnt heard of it either. Got any pictures of when you and your pals did it back in the day?

You certainly took long enuf to speak up having all this knowledge while the rest of us stumbled around in the dark trying to figure it out. How about relating some of your

experiments with it and perhaps a circuit diagrahm or two and the references you referred to from the 1950s. All the best..

Don

8937. Free...almost

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 19:45:23 UTC
From: Louis Vermond
Topic: 8937 Message: 8937
Attachments: 1 described; binary payloads are missing from this source WARC

Anyone want this QST for postage? No covers, but complete.

8938. Re: [AWA Group] Free...almost

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 21:12:42 UTC
From: Jim Robson
Topic: 8937 Message: 8938
Attachments: 1 described; binary payloads are missing from this source WARC

I do! Will even pick up! 73, Jim.

On 22/12/13 2:45 PM, Louis Vermond wrote:
>
> Anyone want this QST for postage? No covers, but complete.
>

8939. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 19:57:07 UTC
From: <dulmagedon@...>
Topic: 8896 Message: 8939

I am sorry to hear you think I reinvented something. Tis not possible to reinvent. Once it is done it is done. Rediscover well maybe. Me I am just having fun exploring all this. Thought it might be interesting for the rest of us to play as well. After all I learned about TNTs and such right here. (Thanks Lou)when others shared.
Sorry to have bored you all. I will go back in cave now and try to behave. I do get carried away both in this my hobby and my elected discipline. Didn't realize everyone else knew all about it. Silly me!
Don

8940. Re: [AWA Group] Free...almost

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 20:20:14 UTC
From: Louis Vermond
Topic: 8937 Message: 8940

First come first.... it yours.

So Jim, is ur Hartley contraption on the air?

8941. Re: [AWA Group] Velvet Vernier Cleaning and Lubricating

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 20:20:07 UTC
From: Leonard Meek
Topic: 8928 Message: 8941

We used to clean watch and clock parts with ammonia, but with SOAP (not detergent) added to keep the brass and silver from turning black. Then the parts were rinsed in a mineral solution to remove the soap film. Don't know how it would work with radio parts.
You may still be able to buy watch cleaning and rinse solutions from watchmakers suppliers.

Leonard
----- Original Message -----
From: Roger Kuchera
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 22, 2013 5:39 AM
Subject: Re: [AWA Group] Velvet Vernier Cleaning and Lubricating

Hi Steve,
I would avoid the use of Ammonia and stick to soap and water. If memory serves me, some of the parts are made of German Silver. Ammonia will dissolve Copper or it's alloys (ie. Brass). Not to a great degree but it might effect the innards.

CUL, Roger/K1TG

From: Steve Flood <kk7uv@...>
To: awagroup@yahoogroups.com
Sent: Sunday, December 22, 2013 9:28 AM
Subject: [AWA Group] Velvet Vernier Cleaning and Lubricating

I have a few National Velvet Vernier drives that have very stiff rotation. I suspect the insides are dirty. Has anyone ever tried to clean and lubricate these? If the internal planetary drive mechanism is all metal construction (?), I am thinking of soaking in an ammonia bath, followed by a good rinse, and then light machine oil. Any thoughts?

Steve, KK7UV

8942. I will go back in cave now....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 20:23:07 UTC
From: Louis Vermond
Topic: 8942 Message: 8942

Does this mean we can't have that Looper sked? Lou

8943. Further AM TNT experiments- Circuits

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 20:34:27 UTC
From: Carl Nord
Topic: 8943 Message: 8943
Attachments: 3 described; binary payloads are missing from this source WARC

From the book “Radio Telephony” by Alfred Goldsmith C 1918 The Wireless Press Inc. NYC

Carl Nord

WA1KPD

8944. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 20:35:32 UTC
From: Carl Nord
Topic: 8896 Message: 8944

Hi Don,

I am trying to replicate your success.

Do you use a battery with the carbon mike, and if so what voltage?

Thanks

Carl Nord

WA1KPD

8945. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 20:35:32 UTC
From: Mike Feher
Topic: 8896 Message: 8945

Don –

Please understand that I was expressing my opinion and not that of the group. Everyone else has been pretty quiet on the matter, so, no need to go back in the cave. Heck, I consider my whole house as my cave, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Sunday, December 22, 2013 2:57 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

I am sorry to hear you think I reinvented something. Tis not possible to reinvent. Once it is done it is done. Rediscover well maybe. Me I am just having fun exploring all this. Thought it might be interesting for the rest of us to play as well. After all I learned about TNTs and such right here. (Thanks Lou)when others shared.

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Don

8946. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 21:32:14 UTC
From: Carl Nord
Topic: 8896 Message: 8946

Mike,

What are your thoughts on the battery? Is it needed and if so what voltage would you recommend?

Thanks

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Sunday, December 22, 2013 3:36 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Don –

Please understand that I was expressing my opinion and not that of the group. Everyone else has been pretty quiet on the matter, so, no need to go back in the cave. Heck, I consider my whole house as my cave, HI. 73 – Mike

Mike B. Feher, N4FS

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Sunday, December 22, 2013 2:57 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

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Don

8947. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 21:47:55 UTC
From: Mike Feher
Topic: 8896 Message: 8947

In the situation Don is playing with a battery would make no difference at all. Remember, RF is flowing through the carbon granules, and by varying their resistance through speech, the loading on the tank circuit is changing enough to place audio on the signal. I would expect it to be more FM than AM, but, both will be present. Having a battery in the circuit would only bias the resistance in the microphone, but the RF would go through it and be modulated the same regardless, unless too much voltage was used and the granules stuck together. If the HV was modulated, through an audio transformer, then of course a battery would be required as there would be no RF there. Even in that configuration, modulating a simple TNT or Hartley, would result in considerable FM in my opinion. However, I know you already knew this, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Carl Nord
Sent: Sunday, December 22, 2013 4:32 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Mike,

What are your thoughts on the battery? Is it needed and if so what voltage would you recommend?

Thanks

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Sunday, December 22, 2013 3:36 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Don –

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Mike B. Feher, N4FS

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Sunday, December 22, 2013 2:57 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

I am sorry to hear you think I reinvented something. Tis not possible to reinvent. Once it is done it is done. Rediscover well maybe. Me I am just having fun exploring all this. Thought it might be interesting for the rest of us to play as well. After all I learned about TNTs and such right here. (Thanks Lou)when others shared.

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Don

8948. Re: [AWA Group] RE: Further AM TNT experiments..

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 22:08:05 UTC
From: Poli, Louis (US SSA)
Topic: 8896 Message: 8948

Don;
It does widen the BW.
A law of nature that has been known for I believe 110 years.
And I am not sure but possibly much earlier.

Every engineering student for almost 90 that, has been taught this.
Your ear is not an instrument, as good as it is, to observe what is going on.

Now let me say that I am not being critical.
You have actually used the scientific method. Then carried out experiments.
And then reported your results freely, and with the explanation.

I wish every engineering student I have seen would do the same.

But sometimes you just have to finally let go, as some of our friends have suggested.

No good experimenter can afford pride.
It makes you see what you want to see, which is often not the truth of it.

I felt it important to say this to you because you appreciate ideas, experiments and conclusions.
I think you can add to the specific technical efforts in this group.

But first you need bark up the right tree, not the wrong one.

Now you did make one obvious mistake. You ignored all radio gear design and discussion of bandwidth by those people.
You need a very very good reason to ignore a century of progress.

Now do people rediscover things, yes.

When Edison was developing the light bulb in the late 19th century.
He put in a third electrode, out of pure interest , we now call it the grid.
He saw a current, patented it, did not appreciate stand, and dropped it. This came to be known as the "Edison effect" and was forgotten.
Lee de Forest in about 1903, rediscovered this in the old paper, and realized what this really could mean. He rediscovered the grid and within a few years had the basic triode.

Now with the internet, unlike when I went to school, it will take 5 minutes to find what you need, to start reading.
From 5th grade to professor level.
Good luck in your experiments.

Best regards,
Louis

From: dulmagedon@yahoo.ca [mailto:dulmagedon@yahoo.ca]
Sent: Sunday, December 22, 2013 01:21 PM

To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Free to think what you will. However if it widens the signal why isn't wider on the rx. Anyway to be honest I am not going to worry too much about it . It works very well and is quite simple to implement ,easy to hear obviously and I for one intend to enjoy it and use it. I had searched all the big old radio archives and found only one veiled reference to it in Radio News 1924. Nothing showed up in QST archives. Probably I have led a sheltered life like most of the rest here who quite obviously hadnt heard of it either. Got any pictures of when you and your pals did it back in the day?

You certainly took long enuf to speak up having all this knowledge while the rest of us stumbled around in the dark trying to figure it out. How about relating some of your experiments with it and perhaps a circuit diagrahm or two and the references you referred to from the 1950s. All the best..

Don

8949. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 22:16:58 UTC
From: Carl Nord
Topic: 8896 Message: 8949

Thank you Mike

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Sunday, December 22, 2013 4:48 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

In the situation Don is playing with a battery would make no difference at all. Remember, RF is flowing through the carbon granules, and by varying their resistance through speech, the loading on the tank circuit is changing enough to place audio on the signal. I would expect it to be more FM than AM, but, both will be present. Having a battery in the circuit would only bias the resistance in the microphone, but the RF would go through it and be modulated the same regardless, unless too much voltage was used and the granules stuck together. If the HV was modulated, through an audio transformer, then of course a battery would be required as there would be no RF there. Even in that configuration, modulating a simple TNT or Hartley, would result in considerable FM in my opinion. However, I know you already knew this, HI. 73 – Mike

Mike B. Feher, N4FS

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Carl Nord
Sent: Sunday, December 22, 2013 4:32 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Mike,

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Thanks

Carl Nord

WA1KPD

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Subject: RE: [AWA Group] RE: Further AM TNT experiments

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Don

8950. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 22:46:50 UTC
From: N1BUG
Topic: 8896 Message: 8950

modulating a simple TNT or Hartley, would result in considerable FM in my opinion.

Mike, I am inclined to agree but this does lead me to wonder if there isn't some way to frequency modulate such an oscillator without a significant AM component. Let's forget for the moment FM wouldn't be '29 compliant. All we need is some way to shift C or L in the tank somewhat, and not much at that. But how?

73,
Paul, N1BUG

8951. Re: [AWA Group] I would like to know more about the modulator circuit (that is, what drives the loop).

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 23:04:29 UTC
From: N1BUG
Topic: 8922 Message: 8951

contemplating strategies for clearing a mix of sleet and ice layers from the driveway after this is over. Flame thrower?
Time...

:0), Lou
Yeah... let's see... about, umm, 4 months should do the trick! :-)

Bugsy

8952. Re: [AWA Group] Velvet Vernier Cleaning and Lubricating

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 23:14:59 UTC
From: N1BUG
Topic: 8928 Message: 8952

I have a somewhat different take on this. I'll bet the original lubricant was petroleum based. I've not had much luck with soap and water on such in places you can't reach to scrub. Ammonia worries me because I've seen it seriously and permanently discolor some metals. If I'm right about the petroleum based lubricant, you want something that dissolves such easily but won't attack the metals. I would offer my usual method, but someone would slap me for suggesting it. :-)

73,
Paul N1BUG

On 12/22/2013 10:39 AM, Roger Kuchera wrote:

Hi Steve,

I would avoid the use of Ammonia and stick to soap and water. If memory

serves me, some of the parts are made of German Silver. Ammonia will dissolve

Copper or it's alloys (ie. Brass). Not to a great degree but it might effect

the innards.

CUL, Roger/K1TG

From: Steve Flood
To: awagroup@yahoogroups.com
Sent: Sunday, December 22, 2013 9:28 AM
Subject: [AWA Group] Velvet Vernier Cleaning and Lubricating

I have a few National Velvet Vernier drives that have very stiff rotation. I suspect the insides are dirty. Has anyone ever tried to clean and lubricate these? If the internal planetary drive mechanism is all metal construction (?), I am thinking of soaking in an ammonia bath, followed by a good rinse, and then light machine oil. Any thoughts?

Steve, KK7UV

--
Paul Kelley, N1BUG
RFI Committee chair,
Piscataquis Amateur Radio Club
http://www.k1pq.org

8953. Re: [AWA Group] I would like to know more about the modulator circuit (that is, what drives the loop).

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 23:34:45 UTC
From: Louis Vermond
Topic: 8922 Message: 8953

Oh ya...Maine.

----- Original Message -----
From: N1BUG
To: AWAGroup@yahoogroups.com
Sent: 2013-12-22 6:04 PM
Subject: Re: [AWA Group] I would like to know more about the modulator circuit (that is, what drives the loop).

contemplating strategies for clearing a mix of sleet and ice layers from the driveway after this is over. Flame thrower?
Time...

:0), Lou
Yeah... let's see... about, umm, 4 months should do the trick! :-)

Bugsy

8954. Loop Modulation Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-22 23:56:35 UTC
From: Louis Vermond
Topic: 8954 Message: 8954
Attachments: 3 described; binary payloads are missing from this source WARC

This afternoon I sat down on the couch with the 1921 QSTs to find more rig articles to scan. Picking a copy at random my thumb found this...

December

Note keying as well...

8955. Re: [AWA Group] Velvet Vernier Cleaning and Lubricating

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 00:09:51 UTC
From: Louis Vermond
Topic: 8928 Message: 8955
Attachments: 1 described; binary payloads are missing from this source WARC

you want something that dissolves such easily but won't attack the metals.
Easy, turpentine...

I would offer my usual method, but someone would slap me for suggesting it. :-)

8956. RE: [AWA Group] Loop Modulation Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 02:56:07 UTC
From: Carl Nord
Topic: 8954 Message: 8956
Attachments: 3 described; binary payloads are missing from this source WARC

Very cool. Thanks for sharing. I'm still trying to get mine to work. A local ham and I want to try a QSO with it.

Either my carbon mike is dead, or I am doing something wrong. Pretty tough schematic to follow you know.. J

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Louis Vermond
Sent: Sunday, December 22, 2013 6:57 PM
To: AWAGroup
Cc: Andy UU1CC
Subject: [AWA Group] Loop Modulation Alert

This afternoon I sat down on the couch with the 1921 QSTs to find more rig articles to scan. Picking a copy at random my thumb found this...

December

Note keying as well...

8957. RE: [AWA Group] Loop Modulation Alert

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 12:32:52 UTC
From: <dulmagedon@...>
Topic: 8954 Message: 8957

Carl, Just email me direct. I will help you as much as possible. I have obviousiy shared too much already.
VE3LYX@ outlook.com

Don

8958. RE: I will go back in cave now....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 12:50:15 UTC
From: <dulmagedon@...>
Topic: 8942 Message: 8958

Lou , I am looking forward to that. The experiment wont be complete in my eyes till we do. I don't know how things are in ST Marys. My longwire which stretches out 137 feet over the valley is usually up about 40 feet. It is sagged so bad it is touching the bushes on the valley floor. I at first thought it had collapsed but looking out a far window I see the far end with its nylon rope stretched to the limit but still up. How I don't know but it is. I need a break in the weather to melt it so it goes back up to at least a reasonable height. We should decide on the best time for prop between you and me on 40M. I will check CHU signals perhaps to get a feel for it. Or you likely already know as you have done a lot more of this type of power level work then I. We are probably 90 to 100 miles apart, perhaps less. And Lou, just for the record. Thanks for telling us about it. It has been the most interesting experience I have had in my 30+ years as a ham.
Don

8959. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 13:35:54 UTC
From: <dulmagedon@...>
Topic: 8896 Message: 8959
Attachments: 1 described; binary payloads are missing from this source WARC

These articles are not about what I an Lou have. Here is the schematic and some notes.
It is so simple it is hard to understand. Take your carbon mike, make a 1 turn loop if you have big copper coil or three turn if it is toilet paper roll size and fasten the carbon mic to this loop. Place the loop within a 1/2 to 3/8 of an inch at the opposite end of the transmitters main coil from the antenna link. Warm it up and tune as required. Press the key and talk into the mic. That is all. Nothing more to it. Try not to over think it. just follow this a do. I did all my testing first into a 7.5 watt light bulb which is my low power dummy load but I eventually found no reason not to out it on the air. .Don't listen to the nay sayers. They don't actually know because they have not tried it. As anyone who has worked in development knows there are always surprises. Sometimes they are bad. In this case they were good. Hard to believe for me that it worked as well as it did but it does. I would like to know when others are up and running, Those of course who might be interested. If any get stuck and would like help, probably best to email direct to avoid overloading the group with info that doesn't particularly interest them
Don

8960. RE: [AWA Group] RE: Further AM TNT experiments [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 14:28:29 UTC
From: Mike Feher
Topic: 8896 Message: 8960

Wow, I am humbled by your genius. Indeed, I have never seen a schematic like that. So simple that my mind cannot even comprehend it. Your name shall forever be associated with all the greats. -

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Monday, December 23, 2013 8:36 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments [1 Attachment]

These articles are not about what I an Lou have. Here is the schematic and some notes.

It is so simple it is hard to understand. Take your carbon mike, make a 1 turn loop if you have big copper coil or three turn if it is toilet paper roll size and fasten the carbon mic to this loop. Place the loop within a 1/2 to 3/8 of an inch at the opposite end of the transmitters main coil from the antenna link. Warm it up and tune as required. Press the key and talk into the mic. That is all. Nothing more to it. Try not to over think it. just follow this a do. I did all my testing first into a 7.5 watt light bulb which is my low power dummy load but I eventually found no reason not to out it on the air. .Don't listen to the nay sayers. They don't actually know because they have not tried it. As anyone who has worked in development knows there are always surprises. Sometimes they are bad. In this case they were good. Hard to believe for me that it worked as well as it did but it does. I would like to know when others are up and running, Those of course who might be interested. If any get stuck and would like help, probably best to email direct to avoid overloading the group with info that doesn't particularly interest them

Don

8961. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 16:11:18 UTC
From: Larry Szendrei
Topic: 8896 Message: 8961

On 12/22/13 5:46 PM, N1BUG wrote:
>
> modulating a simple TNT or Hartley, would result in considerable FM in
> my opinion.
>
> Mike, I am inclined to agree but this does lead me to wonder if there
> isn't some way to frequency modulate such an oscillator without a
> significant AM component. Let's forget for the moment FM wouldn't be
> '29 compliant. All we need is some way to shift C or L in the tank
> somewhat, and not much at that. But how?
>

Err - perhaps a reactance modulator? ;-)

Another cruder (and less-effective way) is to have a poorly-supported
oscillator tank coil (reference my previous 589W post) and scream at it
- yes, that actually works, although you don't get much deviation. But
it's fun :-)

73,
-Larry/NE1S

8962. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 16:46:16 UTC
From: Carl Nord
Topic: 8896 Message: 8962

And gets rid of a lot of pent up frustration…

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Monday, December 23, 2013 11:11 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

On 12/22/13 5:46 PM, N1BUG wrote:

modulating a simple TNT or Hartley, would result in considerable FM in my opinion.

Mike, I am inclined to agree but this does lead me to wonder if there isn't some way to frequency modulate such an oscillator without a significant AM component. Let's forget for the moment FM wouldn't be '29 compliant. All we need is some way to shift C or L in the tank somewhat, and not much at that. But how?

Err - perhaps a reactance modulator? ;-)

Another cruder (and less-effective way) is to have a poorly-supported oscillator tank coil (reference my previous 589W post) and scream at it - yes, that actually works, although you don't get much deviation. But it's fun :-)

73,
-Larry/NE1S

8963. RE: [AWA Group] RE: Further AM TNT experiments [1 Attachment]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 16:50:21 UTC
From: Carl Nord
Topic: 8896 Message: 8963

Thank you

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of dulmagedon@...
Sent: Monday, December 23, 2013 8:36 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments [1 Attachment]

These articles are not about what I an Lou have. Here is the schematic and some notes.

It is so simple it is hard to understand. Take your carbon mike, make a 1 turn loop if you have big copper coil or three turn if it is toilet paper roll size and fasten the carbon mic to this loop. Place the loop within a 1/2 to 3/8 of an inch at the opposite end of the transmitters main coil from the antenna link. Warm it up and tune as required. Press the key and talk into the mic. That is all. Nothing more to it. Try not to over think it. just follow this a do. I did all my testing first into a 7.5 watt light bulb which is my low power dummy load but I eventually found no reason not to out it on the air. .Don't listen to the nay sayers. They don't actually know because they have not tried it. As anyone who has worked in development knows there are always surprises. Sometimes they are bad. In this case they were good. Hard to believe for me that it worked as well as it did but it does. I would like to know when others are up and running, Those of course who might be interested. If any get stuck and would like help, probably best to email direct to avoid overloading the group with info that doesn't particularly interest them

Don

8964. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 16:50:38 UTC
From: Steve
Topic: 8896 Message: 8964

>and scream at it

by this definition, we've all shock modulated our TNT's at some point!

Merry Christmas Larry and to all folks on the list.

Steve / 73

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8965. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 16:53:59 UTC
From: N1BUG
Topic: 8896 Message: 8965

Err - perhaps a reactance modulator? ;-)

Well... yeah. :-)
I believe, after some learning curve, I could probably whip something up using modern components. What I should have said is I'd be interested in finding a way to do that using old components, even if not quite '29 vintage. Currently, I'm nowhere near knowledgeable enough to attempt that.

Another cruder (and less-effective way) is to have a poorly-supported oscillator tank coil (reference my previous 589W post) and scream at it - yes, that actually works, although you don't get much deviation. But it's fun :-)

Interesting. That would be a fun experiment. How about a loudspeaker-excited "variable" capacitor (one plate thin and flexible) in parallel with the tank coil. I'm not serious. I can see a few potential problems with that already. Still, I can see myself wasting a day trying it, if for no other reason than to prove it doesn't work well.

73,
Paul N1BUG

8966. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 17:01:50 UTC
From: Steve
Topic: 8896 Message: 8966

> Another cruder (and less-effective way) is to have a poorly-supported
> oscillator tank coil

I have seen this effect several times during the past BK events when using both TNT and the Hartley. My house and shack are located right under one of the Standard Terminal Arrival paths for Victoria Int'l airport. When the aircraft (mostly turboprops) pass overhead, they are around 3,000'. Often the prop wash is strong enough to vibrate the shop roof just enough to shake the operating table and the CW tone (if I hold the key down) becomes a perfect reproduction of the propeller sound for about 20-30 seconds as the plane passes...sounds pretty cool actually.

Steve

WEB - "The VE7SL Radio Notebook": http://members.shaw.ca/ve7sl

8967. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 17:05:40 UTC
From: Mike Feher
Topic: 8896 Message: 8967

Paul –

What you are thinking about is called a Wobbulator. The concept has seen lots of uses in the electronics industry to create either FM, or, an early form of a Varactor. My first discovery of it was in an AN/APN-1 IFF unit that I bought surplus in the late 50’s. Had me scratching my head for a while, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Monday, December 23, 2013 11:54 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

Err - perhaps a reactance modulator? ;-)

Well... yeah. :-)
I believe, after some learning curve, I could probably whip something up using modern components. What I should have said is I'd be interested in finding a way to do that using old components, even if not quite '29 vintage. Currently, I'm nowhere near knowledgeable enough to attempt that.

Another cruder (and less-effective way) is to have a poorly-supported oscillator tank coil (reference my previous 589W post) and scream at it - yes, that actually works, although you don't get much deviation. But it's fun :-)

Interesting. That would be a fun experiment. How about a loudspeaker-excited "variable" capacitor (one plate thin and flexible) in parallel with the tank coil. I'm not serious. I can see a few potential problems with that already. Still, I can see myself wasting a day trying it, if for no other reason than to prove it doesn't work well.

73,
Paul N1BUG

8968. Loop Modulation article from CQ

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 18:24:22 UTC
From: JAMES HANLON
Topic: 8968 Message: 8968
Attachments: 3 described; binary payloads are missing from this source WARC

Guys,

With all of the interest in loop modulation, I've scanned an article from CQ, April 1949, pages 33, 34 and 77, "An Inductive Reactor," by Lawrence R. Walsh, W5SMA. I will try attaching those pages to this message to see if it will make it through the reflector. If it does not, anyone who is interested is welcome to ask me for a copy at knjhanlon@... , and I will send it directly.

Basically, Mr. Walsh coupled a speech amplifier ending in a 6AQ5 with a 500 ohm output transformer to a three turn link that is in series with a 1N38 diode with a 500 pf capacitor in parallel with the diode. He coupled that link either to the oscillator grid coil or the oscillator plate coil of his Meissner Signal Shifter and produced FM. He explained its operation as follows. "The idea is simply that a pulsating direct current coupled to a reactance coil causes this reactance to change in value in accordance with the pulsating direct current." At the end of the article he said, "This modulation is used by the author on 10 and 20 meters with excellent results. For example during the 1948 Sweepstakes contest, 300 stations and 69 sections were worked using this system."

Jim Hanlon, W8KGI

8969. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-23 18:53:18 UTC
From: Mike Feher
Topic: 8896 Message: 8969

I made a boo-boo here. The AN/APN-1 was not an IFF unit, but, it was the R/T for a radio altimeter. I still have about 4 or 5 around. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Monday, December 23, 2013 12:06 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Paul –

What you are thinking about is called a Wobbulator. The concept has seen lots of uses in the electronics industry to create either FM, or, an early form of a Varactor. My first discovery of it was in an AN/APN-1 IFF unit that I bought surplus in the late 50’s. Had me scratching my head for a while, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Monday, December 23, 2013 11:54 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

Err - perhaps a reactance modulator? ;-)

Well... yeah. :-)
I believe, after some learning curve, I could probably whip something up using modern components. What I should have said is I'd be interested in finding a way to do that using old components, even if not quite '29 vintage. Currently, I'm nowhere near knowledgeable enough to attempt that.

Another cruder (and less-effective way) is to have a poorly-supported oscillator tank coil (reference my previous 589W post) and scream at it - yes, that actually works, although you don't get much deviation. But it's fun :-)

Interesting. That would be a fun experiment. How about a loudspeaker-excited "variable" capacitor (one plate thin and flexible) in parallel with the tank coil. I'm not serious. I can see a few potential problems with that already. Still, I can see myself wasting a day trying it, if for no other reason than to prove it doesn't work well.

73,
Paul N1BUG

8970. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 00:36:53 UTC
From: Carl Nord
Topic: 8896 Message: 8970

Can a crystal mike be used for Loop Modulation?

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Monday, December 23, 2013 12:06 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

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Mike B. Feher, N4FS

89 Arnold Blvd.

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Sent: Monday, December 23, 2013 11:54 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

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73,
Paul N1BUG

8971. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 01:09:07 UTC
From: Mike Feher
Topic: 8896 Message: 8971

A crystal mike is essentially a piezo electric transducer. It can generate feeble voltages when stressed with the intention that as designed, it does it in response to sound pressure. The loop itself, being a dead short, would render the mike useless, in my opinion. Maybe, coupled to the loop through a small capacitor, some sort of FM modulation could take place.

As I said before, by way before 1929, regular plate, screen and cathode modulation schemes were being used. A type 47 may be a good candidate for trying screen modulation. In my opinion, loop modulation is good for the history books, or maybe to play with, but, a waste of time if you really want to be heard. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Carl Nord
Sent: Monday, December 23, 2013 7:37 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Can a crystal mike be used for Loop Modulation?

Carl Nord

WA1KPD

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Sent: Monday, December 23, 2013 12:06 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

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To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

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73,
Paul N1BUG

8972. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 01:14:38 UTC
From: Leonard Meek
Topic: 8896 Message: 8972

Or maybe an output transformer?
----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: Monday, December 23, 2013 3:09 PM
Subject: RE: [AWA Group] RE: Further AM TNT experiments

A crystal mike is essentially a piezo electric transducer. It can generate feeble voltages when stressed with the intention that as designed, it does it in response to sound pressure. The loop itself, being a dead short, would render the mike useless, in my opinion. Maybe, coupled to the loop through a small capacitor, some sort of FM modulation could take place.

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@...m [mailto:AWAGroup@yahoogroups.com] On Behalf Of Carl Nord
Sent: Monday, December 23, 2013 7:37 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Can a crystal mike be used for Loop Modulation?

Carl Nord

WA1KPD

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To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

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Another cruder (and less-effective way) is to have a poorly-supported oscillator tank coil (reference my previous 589W post) and scream at it - yes, that actually works, although you don't get much deviation. But it's fun :-)

Interesting. That would be a fun experiment. How about a loudspeaker-excited "variable" capacitor (one plate thin and flexible) in parallel with the tank coil. I'm not serious. I can see a few potential problems with that already. Still, I can see myself wasting a day trying it, if for no other reason than to prove it doesn't work well.

73,
Paul N1BUG

8973. Re: [AWA Group] Velvet Vernier Cleaning and Lubricating..no corrosives.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 01:18:19 UTC
From: Poli, Louis (US SSA)
Topic: 8928 Message: 8973

Steve;
Don't use any corrosive chemistry on vernier drives, or capacitor shafts.
It risks badly damaging the sleeves and any ball bearings. Bases like hydroxide are particularly bad.

In fact the only reason to use it is if you wish to remove rust and such, and attempt to restore a chassis.
And some metal types require different chemistry.

Brake cleaner from any automotive store is an excellent cleaner of grease, oil, and gunk.
It leaves no residue.
It is highly recommended.

Then you can oil it.
Some will use vegetable oil, their preference; but most of us in the restoration community use plain machine oil.
Vegetable and related types, will attract dust and grime and eventually dry out.
And always sparingly.

Now for any dirty parts like variable capacitor plates and such, to include parts where corrosion whiskers and white powder are showing.
Put them in the dishwasher and run them through a cycle.

It does an amazing job, and often good enough to finish them.
I once ran three variable caps of different levels of corrosion through the washer.
Aluminum and iron. It did a good job.

Louis

From: Steve Flood [mailto:kk7uv@bresnan.net]
Sent: Sunday, December 22, 2013 09:28 AM
To: awagroup@yahoogroups.com <awagroup@yahoogroups.com>
Subject: [AWA Group] Velvet Vernier Cleaning and Lubricating

I have a few National Velvet Vernier drives that have very stiff rotation. I suspect the insides are dirty. Has anyone ever tried to clean and lubricate these? If the internal planetary drive mechanism is all metal construction (?), I am thinking of soaking in an ammonia bath, followed by a good rinse, and then light machine oil. Any thoughts?

Steve, KK7UV

8974. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 01:19:01 UTC
From: Mike Feher
Topic: 8896 Message: 8974

If you are going to use a transformer, you might as well put it in the plate circuit. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Leonard Meek
Sent: Monday, December 23, 2013 8:15 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

□

Or maybe an output transformer?

----- Original Message -----

From: Mike Feher <mailto:n4fs@...>

To: AWAGroup@yahoogroups.com

Sent: Monday, December 23, 2013 3:09 PM

Subject: RE: [AWA Group] RE: Further AM TNT experiments

A crystal mike is essentially a piezo electric transducer. It can generate feeble voltages when stressed with the intention that as designed, it does it in response to sound pressure. The loop itself, being a dead short, would render the mike useless, in my opinion. Maybe, coupled to the loop through a small capacitor, some sort of FM modulation could take place.

As I said before, by way before 1929, regular plate, screen and cathode modulation schemes were being used. A type 47 may be a good candidate for trying screen modulation. In my opinion, loop modulation is good for the history books, or maybe to play with, but, a waste of time if you really want to be heard. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Carl Nord
Sent: Monday, December 23, 2013 7:37 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Can a crystal mike be used for Loop Modulation?

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@...m] On Behalf Of Mike Feher
Sent: Monday, December 23, 2013 12:06 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Paul –

What you are thinking about is called a Wobbulator. The concept has seen lots of uses in the electronics industry to create either FM, or, an early form of a Varactor. My first discovery of it was in an AN/APN-1 IFF unit that I bought surplus in the late 50’s. Had me scratching my head for a while, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Monday, December 23, 2013 11:54 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

Err - perhaps a reactance modulator? ;-)

Well... yeah. :-)
I believe, after some learning curve, I could probably whip something up using modern components. What I should have said is I'd be interested in finding a way to do that using old components, even if not quite '29 vintage. Currently, I'm nowhere near knowledgeable enough to attempt that.

Another cruder (and less-effective way) is to have a poorly-supported oscillator tank coil (reference my previous 589W post) and scream at it - yes, that actually works, although you don't get much deviation. But it's fun :-)

Interesting. That would be a fun experiment. How about a loudspeaker-excited "variable" capacitor (one plate thin and flexible) in parallel with the tank coil. I'm not serious. I can see a few potential problems with that already. Still, I can see myself wasting a day trying it, if for no other reason than to prove it doesn't work well.

73,
Paul N1BUG

8975. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 01:51:04 UTC
From: Carl Nord
Topic: 8896 Message: 8975

Good point on the short. I'm not opposed to the xfrmr concept in the plate circuit. We will see. I just discovered a carbon mike I had that I had forgotten about. I think I will give that a try tomorrow. I'm just trying with p.o.c. for the fun of a local contact with a ham 5 miles away

Thanks all

Carl Nord

WA1KPD

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Sent: Monday, December 23, 2013 8:19 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

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□

Or maybe an output transformer?

----- Original Message -----

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To: AWAGroup@yahoogroups.com

Sent: Monday, December 23, 2013 3:09 PM

Subject: RE: [AWA Group] RE: Further AM TNT experiments

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opinion. Maybe, coupled to the loop through a small capacitor, some sort of FM modulation could take place.

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73,
Paul N1BUG

8976. Re: [AWA Group ..Further AM TNT experiments...in modulation

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 01:51:46 UTC
From: Poli, Louis (US SSA)
Topic: 8896 Message: 8976

All;

I saw recently in some emails, some of the group affecting and modulating the tube to create an AM response with outside magnetic fields.

True enough, as any external magnetic field will influence the electron beam in the tube.

But never use this method.

There is a reason why this is never used in the equipment or amateur radio community.

When you interfere with the beam, you can possibly create hot spots by focus, and burn the grid or plate.

Tubes are obviously made to do a job per their design.
And so most importantly to the group is that distorting the beam will distort the tube design characteristics, perhaps collapse them.

And definitely result in nonlinearity that splatters the AM signal, and changes unpredictably the gain.

I recommend you stay with the classical methods if you wish to feed an antenna.

However if you wish to play and learn from these techniques, enjoy.
I experiment a lot with transmitters and receiver circuits in unusual approaches to.

Just never transmit unless you can see the quality of the signal.

And remember that the tube can be at risk for certain methods.

Louis

From: Carl Nord [mailto:chnord@comcast.net]
Sent: Monday, December 23, 2013 07:36 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Can a crystal mike be used for Loop Modulation?

Carl Nord
WA1KPD

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73,
Paul N1BUG

8977. Re: [AWA Group] Velvet Vernier Cleaning and Lubricating..no corrosives.

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 03:11:48 UTC
From: KG4KGL
Topic: 8928 Message: 8977

Louis,

What did you do to them in the way of lubrication after they were washed?

Tnx,

Robert
KG4KGL

> On Dec 23, 2013, at 20:18, "Poli, Louis (US SSA)" <louis.poli@...> wrote:
>
> Steve;
> Don't use any corrosive chemistry on vernier drives, or capacitor shafts.
> It risks badly damaging the sleeves and any ball bearings. Bases like hydroxide are particularly bad.
>
> In fact the only reason to use it is if you wish to remove rust and such, and attempt to restore a chassis.
> And some metal types require different chemistry.
>
> Brake cleaner from any automotive store is an excellent cleaner of grease, oil, and gunk. It leaves no residue.
> It is highly recommended.
>
> Then you can oil it.
> Some will use vegetable oil, their preference; but most of us in the restoration community use plain machine oil.
> Vegetable and related types, will attract dust and grime and eventually dry out.
> And always sparingly.
>
> Now for any dirty parts like variable capacitor plates and such, to include parts where corrosion whiskers and white powder are showing.
> Put them in the dishwasher and run them through a cycle.
>
> It does an amazing job, and often good enough to finish them.
> I once ran three variable caps of different levels of corrosion through the washer.
> Aluminum and iron. It did a good job.
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> Louis
>
> From: Steve Flood [mailto:kk7uv@...]
> Sent: Sunday, December 22, 2013 09:28 AM
> To: awagroup@yahoogroups.com <awagroup@yahoogroups.com>
> Subject: [AWA Group] Velvet Vernier Cleaning and Lubricating
>
>

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>
>
>
> Steve, KK7UV
>
>

8978. Merry Christmas -

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 03:44:55 UTC
From: Mike Feher
Topic: 5052 Message: 8978
Attachments: 1 described; binary payloads are missing from this source WARC

73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

8979. Modulation?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 13:32:34 UTC
From: Roger Kuchera
Topic: 8979 Message: 8979

I'm not precisely sure I know what "modulation" is, being a CW man for 40 years. However, I might suggest making a paper cone to attach to the tank coil. It would concentrate the sound waves.

The idea of a thing metal plate to form a condenser might be met by using a piece of Aluminum foil (?). Be careful not to touch it with your lips or nose, least you get RF burns.

CUL, Roger/K1TG

8980. RE: [AWA Group] Modulation?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 14:12:50 UTC
From: Mike Feher
Topic: 8979 Message: 8980

Roger -

CW is modulation, HI. It is just not amplitude modulation. Anytime a carrier has information on it, it is being modulated. CW is known as OOK, or, on-off-keying. Just had to pull your leg on that one, HI. Merry Christmas & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Roger Kuchera
Sent: Tuesday, December 24, 2013 8:33 AM
To: AWA
Subject: [AWA Group] Modulation?

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However, I might suggest making a paper cone to attach to the tank coil. It would
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least you get RF burns.

CUL, Roger/K1TG

8981. Re: [AWA Group] Modulation?

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 14:22:08 UTC
From: Roger Kuchera
Topic: 8979 Message: 8981

Ah Yes! One might say it is binary modulation. I have heard some wild
CW signals that were absolutely modulated!

Roger.

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 24, 2013 9:12 AM
Subject: RE: [AWA Group] Modulation?

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CUL, Roger/K1TG

8982. Re: [AWA Group] Velvet Vernier Cleaning and Lubricating..no corrosives.after the wash

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 16:20:02 UTC
From: Poli, Louis (US SSA)
Topic: 8928 Message: 8982

That is a question that has been bandied about for years.
For the drive, try to get a drop in of any good machine oil.

In the receiver restoration community, this is popular.

Some use deoxit, the one that does a great job on potentiometers like volume controls.
I have never seen any use of lithium greases.

I am a purist, so I use machine oil or singer sewing machine oil, a superb oil; for any shafts and gear trains.
I have two sister receivers, the SP-600 series.
Its complicated gear train, are fine with the machine oil.

I must note again that if your present cleaning procedure does not clean the part enough, then heavily spray or plunge it into brake cleaner.
I consider it better than deoxit. You can buy it by the large spray can and in gallons.
It dissolves any dirt, oil and grease, It is quite cheap, and leaves no trace of itself.

For the capacitors, I put three multi-ganged units in fairly bad shape into the dishwasher, with the dishes, and they came out with the oil gunk gone and the white corrosion powder and whiskers were gone.
Now it does not restore the metal. It blows everything away.

Now the community uses oil if it has contact through the Ball bearings, or a conductive grease for the conductive wiper next to each gang, or just oil the wiper.

Oil can be used because the very thin layer does not interfere.
Or simply leave it alone since the wiper should rub against the wall.

All should work.

Louis

From: KG4KGL [mailto:kg4kgl@gmail.com]
Sent: Monday, December 23, 2013 10:11 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] Velvet Vernier Cleaning and Lubricating..no corrosives.

Louis,

What did you do to them in the way of lubrication after they were washed?

Tnx,

Robert
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Aluminum and iron. It did a good job.

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8983. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 16:45:02 UTC
From: Larry Szendrei
Topic: 8896 Message: 8983

On 12/23/13 7:36 PM, Carl Nord wrote:
>
> Can a crystal mike be used for Loop Modulation?
>
>
Not by my understanding, no.

Remember that loop modulation is also called absorption modulation. Also remember that with symmetric 100% amplitude modulation the instantaneous RF voltage goes from it's its dead-carrier value to double this value on positive peaks, and 0 on negative peaks. This is a fact mo matter how the AM is produced, if it really is AM.

So, according to my understanding, with loop modulation under dead-carrier conditions, you would want the the carbon(ium) microphon(ium) to absorb (dissapate) 3/4 of the RF power that is produced by the oscillator or RF amplifier being modulated. (1/2 the peak RF voltage translates to 1/4 of the power by P = V^2/R), where R is the RF load impedance. This is the power going out to the antenna. Therefore 3/4 of the power needs to be absorbed in the microphone element with an unmodulated carrier). Since a carbon microphone is a variable resistor with a resistance of typically a couple hundred ohms, power can effectively be coupled to it with a link of one or two turns. It would make sense that the power dissipation in the microphone is maximum on negative peaks; i.e., all the RF is absorbed on negative peaks, and that no power is dissipated in the microphone on positive peaks, when the system is optimized.

On the other hand, a piezoelectric crystal element operates under a completely different principle from a carbon microphone. It is an audio voltage generator, and a high impedance one, at that. It will be incapable (or nearly so) of absorbing power from the tank circuit.

Yesterday I made a quick test with a carbon microphone element borrowed from an old-style telephone handset, and a two-turn loop of insulated #12 copper, coupled to the Harley on 80M, into a 50 ohm dummy load. I coupled the loop to the tank circuit until the output power was approximately 25% of normal full output. There was modulation, but it was nearly 100% FM (or possibly PM?), as when the receiver was tuned exactly to the Hartley carrier frequency no modulation was detected. I had to tune the receiver off-frequency on one side of the carrier or the other to detect any modulation, (i.e., employ slope detection), and then modulation was observed. A scope hooked up to the receiver IF showed no AM envelope pattern when tuned to the carrier frequency. On the other hand, when plate-modulating this Hartley a normal AM envelope pattern is displayed on the scope when the receiver is tuned to the carrier frequency.

One of the things I hope to do in the next few days is to set up an audio oscillator to drive a speaker, acoustically-couple the speaker to the microphones, and compare the envelope patterns from the loop-modulated and plate-modulated systems. I hope to take photographs of the scope displays and post them here.

Probably more than you wanted to know ;-)

73,
-Larry/NE1S

8984. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 16:45:57 UTC
From: Larry Szendrei
Topic: 8896 Message: 8984

On 12/23/13 11:53 AM, N1BUG wrote:
>
> How about a loudspeaker-excited "variable" capacitor (one plate thin
> and flexible) in parallel with the tank coil..
>
>
>

Paul, I have a Precision Series E-400 sweep generator that uses exactly
this device to provide the frequency sweep!

73,
-Larry/NE1S

8985. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 16:46:34 UTC
From: Larry Szendrei
Topic: 8896 Message: 8985

On 12/23/13 11:50 AM, Steve wrote:
>
> >and scream at it
>
> by this definition, we've all shock modulated our TNT's at some point!
>
Indeed.
>
> Merry Christmas Larry and to all folks on the list.
>
Merry Christmas Steve, and to everyone else here!

73,
-Larry/NE1S

8986. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 16:49:07 UTC
From: Larry Szendrei
Topic: 8896 Message: 8986

On 12/23/13 8:09 PM, Mike Feher wrote:
>
>
> As I said before, by way before 1929, regular plate, screen and
> cathode modulation schemes were being used. A type 47 may be a good
> candidate for trying screen modulation.
>
Yep. Or perhaps an 865, if the '47 is too modern for you ;-)

> In my opinion, loop modulation is good for the history books, or maybe
> to play with, but, a waste of time if you really want to be heard. 73
> – Mike
>
Yes, I agree. But all this discussion has spurred me to try out it,
yesterday, which has been fun, and is a good thing.

73,
-Larry/NE1S

8987. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 17:02:02 UTC
From: Mike Feher
Topic: 8896 Message: 8987

Yep, fun to play with, I agree. The 47 was introduced in 1927 as far as I know, and the 865 is from 1943 or so. That is why I suggested the 47. Merry Christmas & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Tuesday, December 24, 2013 11:49 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

On 12/23/13 8:09 PM, Mike Feher wrote:

As I said before, by way before 1929, regular plate, screen and cathode modulation schemes were being used. A type 47 may be a good candidate for trying screen modulation.

Yep. Or perhaps an 865, if the '47 is too modern for you ;-)

In my opinion, loop modulation is good for the history books, or maybe to play with, but, a waste of time if you really want to be heard. 73 – Mike

Yes, I agree. But all this discussion has spurred me to try out it, yesterday, which has been fun, and is a good thing.

73,
-Larry/NE1S

8988. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 17:08:53 UTC
From: N1BUG
Topic: 8896 Message: 8988

The UX-865 was introduced in 1929. I'm following all of this discussion with interest. I have very little desire to actually get on the air on 'phone. I'm a CW operator. But I am intrigued by methods of modulating a simple oscillator and would like to experiment with it.

73,
Paul N1BUG

On 12/24/2013 12:02 PM, Mike Feher wrote:

Yep, fun to play with, I agree. The 47 was introduced in 1927 as far as I know, and the 865 is from 1943 or so. That is why I suggested the 47. Merry Christmas & 73 – Mike

8989. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 17:13:58 UTC
From: Larry Szendrei
Topic: 8896 Message: 8989

On 12/24/13 12:02 PM, Mike Feher wrote:
>
> Yep, fun to play with, I agree. The 47 was introduced in 1927 as far
> as I know, and the 865 is from 1943 or so. That is why I suggested the
> 47. Merry Christmas & 73 – Mike
>
>
Hi Mike,

I'm almost certain the 865 was introduced by 1929. Don't have a reference (no copy of Tube Lore :-( ), but I've heard that from several sources, and the AWA 1929 BK types recognize it as an acceptable tube for that event. I don't have a firm date for the '47 either, but I was under the impression it was early thirties, maybe even the year 1930.

73,
-Larry/NE1S

8990. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 17:15:10 UTC
From: Mike Feher
Topic: 8896 Message: 8990

That does make more sense. Thanks - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Tuesday, December 24, 2013 12:09 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

The UX-865 was introduced in 1929. I'm following all of this discussion with interest. I have very little desire to actually get on the air on 'phone. I'm a CW operator. But I am intrigued by methods of modulating a simple oscillator and would like to experiment with it.

73,
Paul N1BUG

On 12/24/2013 12:02 PM, Mike Feher wrote:

Yep, fun to play with, I agree. The 47 was introduced in 1927 as far as I know, and the 865 is from 1943 or so. That is why I suggested the 47. Merry Christmas & 73 – Mike

8991. A Persian Proverb:

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 17:23:40 UTC
From: Mike Feher
Topic: 8991 Message: 8991

Recent exchanges on here reminded me of the following proverb that I first ran across about 40 years ago in Electronics News magazine. 73 - Mike

"He who knows not and knows not that he knows not is a fool-shun him.

He who knows not and knows that he knows not is a child-teach him.

He who knows and knows not that he knows is asleep-wake him.

He who knows and knows that he knows is wise-follow him."

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

8992. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 17:25:56 UTC
From: Mike Feher
Topic: 8896 Message: 8992

That was my mistake – I grabbed Tube Lore and just looked up 865 and it said 1943. The 1929 makes more sense. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Tuesday, December 24, 2013 12:14 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

On 12/24/13 12:02 PM, Mike Feher wrote:

Yep, fun to play with, I agree. The 47 was introduced in 1927 as far as I know, and the 865 is from 1943 or so. That is why I suggested the 47. Merry Christmas & 73 – Mike

Hi Mike,

I'm almost certain the 865 was introduced by 1929. Don't have a reference (no copy of Tube Lore :-( ), but I've heard that from several sources, and the AWA 1929 BK types recognize it as an acceptable tube for that event. I don't have a firm date for the '47 either, but I was under the impression it was early thirties, maybe even the year 1930.

73,
-Larry/NE1S

8993. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 17:36:55 UTC
From: Ron Barlow
Topic: 8896 Message: 8993

IIRC, the 865 was born more than 14 yrs before 1943. It is one of the bottles on the BK eligible list.

As for the ceramic microphone, I wonder if the capacitance of the element changes enough, when impacted by sound waves, to produce a bit of FM??

Finally, I would like to wish everyone a happy, and healthy holiday season!
Vy 73 de Ron n4gjv

From: Mike Feher <n4fs@...>
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 24, 2013 12:02 PM
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Yep, fun to play with, I agree. The 47 was introduced in 1927 as far as I know, and the 865 is from 1943 or so. That is why I suggested the 47. Merry Christmas & 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From:AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Tuesday, December 24, 2013 11:49 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

On 12/23/13 8:09 PM, Mike Feher wrote:

>
>As I said before, by way before 1929, regular plate, screen and cathode modulation schemes were being used. A type 47 may be a good candidate for trying screen modulation.
Yep. Or perhaps an 865, if the '47 is too modern for you ;-)

In my opinion, loop modulation is good for the history books, or maybe to play with, but, a waste of time if you really want to be heard. 73 – Mike
Yes, I agree. But all this discussion has spurred me to try out it, yesterday, which has been fun, and is a good thing.

73,
-Larry/NE1S

8994. Happy Christmas de VE3AWA

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 18:01:23 UTC
From: Louis Vermond
Topic: 8994 Message: 8994
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

8995. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 18:54:30 UTC
From: <dulmagedon@...>
Topic: 8896 Message: 8995

did scope tests this morning and video taped them. Different to say the least.
d

8996. Re: [AWA Group] A Persian Proverb:

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 19:35:30 UTC
From: Leonard Meek
Topic: 8991 Message: 8996

I learned that in 1942 from my 5th grade teacher, just before she flunked me.
----- Original Message -----
From: Mike Feher
To: AWAGroup@yahoogroups.com
Sent: Tuesday, December 24, 2013 7:23 AM
Subject: [AWA Group] A Persian Proverb:

Recent exchanges on here reminded me of the following proverb that I first ran across about 40 years ago in Electronics News magazine. 73 - Mike

"He who knows not and knows not that he knows not is a fool-shun him.

He who knows not and knows that he knows not is a child-teach him.

He who knows and knows not that he knows is asleep-wake him.

He who knows and knows that he knows is wise-follow him."

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

8997. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 17:12:37 UTC
From: N1BUG
Topic: 8896 Message: 8997

Larry, this is very interesting. I will be looking forward to your analysis of the modulation produced by these methods! I'd like to try similar experiments with the TNT someday. I'll need to scare up a carbon mic first. But for now I'm locked in a battle with some personal gremlins that is taking up most of my time.

73,
Paul N1BUG

On 12/24/2013 11:45 AM, Larry Szendrei wrote:

On 12/23/13 7:36 PM, Carl Nord wrote:

Can a crystal mike be used for Loop Modulation?

Not by my understanding, no.

Remember that loop modulation is also called absorption modulation. Also remember that with symmetric 100% amplitude modulation the instantaneous RF voltage goes from it's its dead-carrier value to double this value on positive peaks, and 0 on negative peaks. This is a fact mo matter how the AM is produced, if it really is AM.

So, according to my understanding, with loop modulation under dead-carrier conditions, you would want the the carbon(ium) microphon(ium) to absorb (dissapate) 3/4 of the RF power that is produced by the oscillator or RF amplifier being modulated. (1/2 the peak RF voltage translates to 1/4 of the power by P = V^2/R), where R is the RF load impedance. This is the power going out to the antenna. Therefore 3/4 of the power needs to be absorbed in the microphone element with an unmodulated carrier). Since a carbon microphone is a variable resistor with a resistance of typically a couple hundred ohms, power can effectively be coupled to it with a link of one or two turns. It would make sense that the power dissipation in the microphone is maximum on negative peaks; i.e., all the RF is absorbed on negative peaks, and that no power is dissipated in the microphone on positive peaks, when the system is optimized.

On the other hand, a piezoelectric crystal element operates under a completely different principle from a carbon microphone. It is an audio voltage generator, and a high impedance one, at that. It will be incapable (or nearly so) of absorbing power from the tank circuit.

Yesterday I made a quick test with a carbon microphone element borrowed from an old-style telephone handset, and a two-turn loop of insulated #12 copper, coupled to the Harley on 80M, into a 50 ohm dummy load. I coupled the loop to the tank circuit until the output power was approximately 25% of normal full output. There was modulation, but it was nearly 100% FM (or possibly PM?), as when the receiver was tuned exactly to the Hartley carrier frequency no modulation was detected. I had to tune the receiver off-frequency on one side of the carrier or the other to detect any modulation, (i.e., employ slope detection), and then modulation was observed. A scope hooked up to the receiver IF showed no AM envelope pattern when tuned to the carrier frequency. On the other hand, when plate-modulating this Hartley a normal AM envelope pattern is displayed on the scope when the receiver is tuned

to the carrier frequency.

One of the things I hope to do in the next few days is to set up an audio oscillator to drive a speaker, acoustically-couple the speaker to the microphones, and compare the envelope patterns from the loop-modulated and plate-modulated systems. I hope to take photographs of the scope displays and post them here.

Probably more than you wanted to know ;-)

73,
-Larry/NE1S

8998. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 00:19:01 UTC
From: STEVE MCDONALD
Topic: 8896 Message: 8998

>The 47 was introduced in 1927 as far as I know...

if only this was the case :-(

Steve / VE7SL

8999. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 13:05:42 UTC
From: Larry Szendrei
Topic: 8896 Message: 8999

On 12/23/13 7:36 PM, Carl Nord wrote:
>
> Can a crystal mike be used for Loop Modulation?
>
>
Not by my understanding, no.

Remember that loop modulation is also called absorption modulation. Also remember that with symmetric 100% amplitude modulation the instantaneous RF voltage goes from it's its dead-carrier value to double this value on positive peaks, and 0 on negative peaks. This is a fact mo matter how the AM is produced, if it really is AM.

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On the other hand, a piezoelectric crystal element operates under a completely different principle from a carbon microphone. It is an audio voltage generator, and a high impedance one, at that. It will be incapable (or nearly so) of absorbing power from the tank circuit.

Yesterday I made a quick test with a carbon microphone element borrowed from an old-style telephone handset, and a two-turn loop of insulated #12 copper, coupled to the Harley on 80M, into a 50 ohm dummy load. I coupled the loop to the tank circuit until the output power was approximately 25% of normal full output. There was modulation, but it was nearly 100% FM (or possibly PM?), as when the receiver was tuned exactly to the Hartley carrier frequency no modulation was detected. I had to tune the receiver off-frequency on one side of the carrier or the other to detect any modulation, (i.e., employ slope detection), and then modulation was observed. A scope hooked up to the receiver IF showed no AM envelope pattern when tuned to the carrier frequency. On the other hand, when plate-modulating this Hartley a normal AM envelope pattern is displayed on the scope when the receiver is tuned to the carrier frequency.

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Probably more than you wanted to know ;-)

73,
-Larry/NE1S

9000. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 13:47:36 UTC
From: Larry Szendrei
Topic: 8896 Message: 9000

On 12/23/13 8:09 PM, Mike Feher wrote:
>
>
> As I said before, by way before 1929, regular plate, screen and
> cathode modulation schemes were being used. A type 47 may be a good
> candidate for trying screen modulation.
>
Yep. Or perhaps an 865, if the '47 is to modern for you ;-)

> In my opinion, loop modulation is good for the history books, or maybe
> to play with, but, a waste of time if you really want to be heard. 73
> – Mike
>
Also, yep. But all this discussion actually spurred me to try out it,
yesterday.

73,
-Larry/NE1S

9001. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 13:08:05 UTC
From: Larry Szendrei
Topic: 8896 Message: 9001

On 12/23/13 11:53 AM, N1BUG wrote:
>
> How about a loudspeaker-excited "variable" capacitor (one plate thin
> and flexible) in parallel with the tank coil..
>
>
>

Paul, I have a Precision Series E-400 sweep generator that uses exactly
this device to provide the frequency sweep!

73,
-Larry/NE1S

9002. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-24 13:44:55 UTC
From: Larry Szendrei
Topic: 8896 Message: 9002

On 12/23/13 11:50 AM, Steve wrote:
>
> >and scream at it
>
> by this definition, we've all shock modulated our TNT's at some point!
>
Indeed.
>
> Merry Christmas Larry and to all folks on the list.
>
Merry Christmas Steve, and to everyone else here!

73,
-Larry/NE1S

9003. Re: [AWA Group] RE: Further AM TNT experiments.....

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 02:31:35 UTC
From: Poli, Louis (US SSA)
Topic: 8896 Message: 9003

Guys;
I truly appreciate clever experiments in techniques that are not used, or have been abandoned.

When I was a young boy, I put together an oscilloscope out of junk parts, and I would focus the beam to a nice spot with a small horseshoe magnet.
It was taped to the wall at a particular angle, about 3 feet away from the crt.
A useless technique, but what a fascinating and fulfilling education.
But my theories were all wrong. But what do you want from a kid?

The theory police didn't arrest me but my only true mistake was in not seeking out guidance.

On these microphone experiments, and I must say, they are interesting, the theories are incorrect.

Anytime you bring anything at all, even your finger, within the field of a tank coil of an oscillator, you detune it to a new frequency. We call this "pulling".

Now you have FM, but there is no control over power, the all important bandwidth, and the tube could be at risk as well as you lose control over the plate current.

No rf control or current through the microphone is controllable or can cancel itself or the peak powers.
If it somehow did (it can't) accept sizable rf power, it would burn up quickly, while not controlling the tube output anyway.

Let me recommend that you do a search on the web on power oscillators, the TNT and plate tuned circuit tuning.
It will not be long before you know enough of the details.

The ARRL handbooks up to late 60s, before they became little more than advertisements and appliance selling, are true engineering reading resources and are easy reading for anyone.

The problem with all these interesting experiments, is that while they are good fun, you can't put them on the air.
If that is what they were meant to do.

That is because they are uncontrollable and will splatter or the FM will reach into other non amateur frequencies.
In fact the equipment you are describing is doing FM and AM at the same time.

Again, it is all good fun.
But if you wish to put it on the air, your time is ill spent.

Look up the references, and you will be able to use weird techniques, and be legal too.

When I build or play with receiver designs, my rule is to be impractical, and use as many tubes as possible.
And build in options that are gone now because no one found them useful. But they light up and get hot, good.

Enjoy.

Louis

From: N1BUG [mailto:paul@n1bug.com]
Sent: Tuesday, December 24, 2013 12:12 PM
To: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
Subject: Re: [AWA Group] RE: Further AM TNT experiments

Larry, this is very interesting. I will be looking forward to your analysis of the modulation produced by these methods! I'd like to try similar experiments with the TNT someday. I'll need to scare up a carbon mic first. But for now I'm locked in a battle with some personal gremlins that is taking up most of my time.

73,
Paul N1BUG

On 12/24/2013 11:45 AM, Larry Szendrei wrote:

On 12/23/13 7:36 PM, Carl Nord wrote:

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power was approximately 25% of normal full output. There was modulation, but it was nearly 100% FM (or possibly PM?), as when the receiver was tuned exactly to the Hartley carrier frequency no modulation was detected. I had to tune the receiver off-frequency on one side of the carrier or the other to detect any modulation, (i.e., employ slope detection), and then modulation was observed. A scope hooked up to the receiver IF showed no AM envelope pattern when tuned to the carrier frequency. On the other hand, when plate-modulating this Hartley a normal AM envelope pattern is displayed on the scope when the receiver is tuned to the carrier frequency.

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Probably more than you wanted to know ;-)

73,
-Larry/NE1S

9004. Lubricants

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 06:40:38 UTC
From: Roger Kuchera
Topic: 9004 Message: 9004

Merry Christmas to all hands,

I agree on the machine oil. Try to avoid the use of vegetable-based lubricants. In time and with dust they can coagulate and make a big mess. I should think synthetics might also work. Use them sparingly. The only place I've used Lithium-based grease is in the gear box of HROs.

CUL, Roger/K1TG

9005. 211 Hartley

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 11:04:03 UTC
From: <dulmagedon@...>
Topic: 9005 Message: 9005
Attachments: 1 described; binary payloads are missing from this source WARC

Santa arrived this morning with a 211 tube for the Hartley.
Got to get heater voltage in PS down to 10 from twelve but that shouldn't be a big job.

9006. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 12:31:25 UTC
From: Larry Szendrei
Topic: 8896 Message: 9006

On 12/24/13 12:12 PM, N1BUG wrote:
>
> Larry, this is very interesting. I will be looking forward to your
> analysis of the modulation produced bythese methods! I'd like to try
> similar experiments with the TNT someday. I'll need to scare up a
> carbon mic first. But for now I'm lockedin a battle with some personal
> gremlins that is taking up most of my time.
>
> 73,
> Paul N1BUG
>
Thanks, Paul. The most available source of a carbon microphone, I think,
is an older Western Electric telephone, ether a rotary-dialer or early
touch-tone one. I haven't tried to purchase one, but I can't imagine
they get much for them in antique/junk shops, outside of tourist trap areas.

Good luck in holding the gremlins at bay, whatever they are!

73 and hope you're having a good Christmas,
-Larry/NE1S

9007. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 12:37:53 UTC
From: Larry Szendrei
Topic: 8896 Message: 9007

Sorry for the dupes, guys.

From Monday evening through about mid-day yesterday no one was getting any emails from me, including the lists, even though they had been sent according to Thunderbird. So I called my ISP and they had me change to a different server name, and I resent them. The duplicate copies were actually sent much earlier, but didn't show up on the list until much later.

-Larry

9008. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 13:06:33 UTC
From: Steve Flood
Topic: 8896 Message: 9008

>>The most available source of a carbon microphone,

Or if not worried about 20’s pedigree, a military T-17 or RS-38 should be good for the experiment, and easy to come by.

Merry Christmas Groupies,

Steve, KK7UV

9009. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 15:35:22 UTC
From: KG4KGL
Topic: 8896 Message: 9009
Attachments: 1 described; binary payloads are missing from this source WARC

That depends. Some people collect phones. This is on wall in the kitchen and it is a working phone. The typical desk phone from the 60/70s should be relatively cheap.

Sent from my iPhone
> On Dec 25, 2013, at 7:31, Larry Szendrei <ne1s@...> wrote:
>
> Thanks, Paul. The most available source of a carbon microphone, I think, is an older Western Electric telephone, ether a rotary-dialer or early touch-tone one. I haven't tried to purchase one, but I can't imagine they get much for them in antique/junk shops, outside of tourist trap areas.
>

9010. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 15:53:54 UTC
From: Mike Feher
Topic: 8896 Message: 9010

Right you are Steve- looks like June 1931 is more like it for the UX247. Merry Christmas all & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of STEVE MCDONALD
Sent: Tuesday, December 24, 2013 7:19 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

>The 47 was introduced in 1927 as far as I know...

if only this was the case :-(

Steve / VE7SL

9011. RE: Further AM TNT experiments (long...)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 13:44:05 UTC
From: Larry Szendrei
Topic: 9011 Message: 9011
Attachments: 2 described; binary payloads are missing from this source WARC

On 12/24/13 9:31 PM, Poli, Louis (US SSA) wrote:
>
> On these microphone experiments, and I must say, they are interesting,
> the theories are incorrect.
>
Louis, I am pretty sure the way I described it (the email you had replied to, below) is the way absorption modulation is _supposed_ to work, in the ideal case - i.e., if applied to a RFPA tank well-isolated from the oscillator/frequency-determining part of the circuit. (I''ll do some digging and see if I can find an analysis - I believe I have an early (1920s) book on radiotelephony around here that may have something.)

> Anytime you bring anything at all, even your finger, within the field
> of a tank coil of an oscillator, you detune it to a new frequency. We
> call this "pulling".
>
Yes. But this is overwhelmingly because of parasitic capacitance changing the resonant frequency, which is a different phenomenon from loop modulation. There will, of course, be some incidental capacitive coupling between the operator and the RF tank circuit because of proximity effects that can't be avoided - the microphone is capacitively, as well as inductively, coupled to the RF tank circuit, and the operator is capacitively coupled to the microphone. (Not sure "capacitively" is a valid word, but you know what I mean!)

>
> Now you have FM, but there is no control over power, the all important
> bandwidth, and the tube could be at risk as well as you lose control
> over the plate current.
>
In the case of an oscillator, yes, you need to be careful that you don't modulate so heavily in the negative direction that the oscillator doesn't quit (or even think about it!). This is the main reason that when I plate-modulate my Hartley oscillator I have a high-level negative peak limiting circuit in the modulation transformer secondary circuit to keep the instantaneous plate voltage on the oscillator tube from falling below about 24V - enough the keep the oscillator running, and stable - such as it is. There is _some_ FM, which is because changing the plate voltage on an oscillator _will_ change its frequency, but it is quite low and the modulation is mostly AM. I have attached two sound files that listmember Paul N1BUG was kind enough to make off-air from this transmitter during a QSO with him - one while receiving in AM, and the other in USB or LSB, to beat against the carrier. You'll hear that there is surprisingly little "wobulation" of the beat note.

>
>
> No rf control or current through the microphone is controllable or can
> cancel itself or the peak powers.
> If it somehow did (it can't) accept sizable rf power, it would burn up
> quickly, while not controlling the tube output anyway.
>
The microphones did (and do) get hot, and for appreciable power the
microphones had to be beefy and length of transmissions severely
limited. (Also the operator had to keep his distance from the microphome
to avoid getting "bit" from RF! But I digress...)
>
>
> Let me recommend that you do a search on the web on power oscillators,
> the TNT and plate tuned circuit tuning.
> It will not be long before you know enough of the details.
>
Modulating an oscillator is a special case, and the analysis I offered
(as I indicated above) was for the ideal case of a RFPA independent and
isolated from the oscillator. It was a starting point to explain what
should be happening. I believe the process I described will occur, but
so will other processes in the case of modulating an oscillator, and
another process may dominate. In my experiment this had to have been the
case, as I observed a result that had the characteristics of FM, not AM.
I believe that process to be the well-known effect of loading on
oscillator frequency. Loop modulation varies the load on the oscillator,
thus changing its frequency. Maybe a bit oversimplified, but a decent
working theory, IMHO.
>
>
> The ARRL handbooks up to late 60s, before they became little more than
> advertisements and appliance selling, are true engineering reading
> resources and are easy reading for anyone.
>
Agreed!

> The problem with all these interesting experiments, is that while they
> are good fun, you can't put them on the air.
> If that is what they were meant to do.
>
You can, but you take a risk in getting whacked by the powers that be!
The time for such a test, if you choose to do it, is when there is
little to no activity on the band, like 160M or 80M in the middle of the
day.

> That is because they are uncontrollable and will splatter or the FM
> will reach into other non amateur frequencies.
>
I think only in extreme situations will you radiate any appreciable
energy out-of-band, unless you are operating close to a band edge. But
you need to make darned sure this isn't the case before any such

attempts. As for (other) splatter, if it exists it won't bother anyone
if there is minimal to no band occupancy, such as 160M or 80M in the
middle of the day.

> In fact the equipment you are describing is doing FM and AM at the
> same time.
>
Yes.
>
>
> Again, it is all good fun.
> But if you wish to put it on the air, your time is ill spent.
>
Depends how outrageous the results are, and when/where you choose to
operate. Although it may violate the letter of the law, I personally
don't see a problem with a loop-modulation test QSO _with the
precautions and constraints I mentioned in my previous paragraph_, and
it would definitely be a fun thing to try. Every individual needs to
evaluate this for himself, though, and be ready to accept any consequences.
>
>
> Look up the references, and you will be able to use weird techniques,
> and be legal too.
>
What references do you recommend, specifically for loop modulation,
which is being discussed? And what legal "weird techniques" do you have
in mind, and can you list some references?
>
>
> When I build or play with receiver designs, my rule is to be
> impractical, and use as many tubes as possible.
> And build in options that are gone now because no one found them
> useful. But they light up and get hot, good.
>
My rule isn't necessarily to be impractical, but sometimes that is the
result, because of other design goals that are important to me ;-)
>
>
> Enjoy.
>
I do!

73,
-Larry/NE1S

>
> *From*: N1BUG [mailto:paul@...]
> *Sent*: Tuesday, December 24, 2013 12:12 PM
> *To*: AWAGroup@yahoogroups.com <AWAGroup@yahoogroups.com>
> *Subject*: Re: [AWA Group] RE: Further AM TNT experiments
>

> Larry, this is very interesting. I will be looking forward to your
> analysis of the modulation produced bythese methods! I'd like to try
> similar experiments with the TNT someday. I'll need to scare up a
> carbon mic first. But for now I'm lockedin a battle with some personal
> gremlins that is taking up most of my time.
>
> 73,
> Paul N1BUG
>
>
> On 12/24/2013 11:45 AM, Larry Szendrei wrote:
>>
>> On 12/23/13 7:36 PM, Carl Nord wrote:
>>>
>>> Can a crystal mike be used for Loop Modulation?
>>>
>>>
>> Not by my understanding, no.
>>
>> Remember that loop modulation is also called absorption modulation.
>> Also remember that with symmetric 100% amplitude modulation the
>> instantaneous RF voltage goes from it's its dead-carrier value to
>> double this value on positive peaks, and 0 on negative peaks. This is
>> a fact mo matter how the AM is produced, if it really is AM.
>>
>> So, according to my understanding, with loop modulation under
>> dead-carrier conditions, you would want the the carbon(ium)
>> microphon(ium) to absorb (dissapate) 3/4 of the RF power that is
>> produced by the oscillator or RF amplifier being modulated. (1/2 the
>> peak RF voltage translates to 1/4 of the power by P = V^2/R), where R
>> is the RF load impedance. This is the power going out to the antenna.
>> Therefore 3/4 of the power needs to be absorbed in the microphone
>> element with an unmodulated carrier). Since a carbon microphone is a
>> variable resistor with a resistance of typically a couple hundred
>> ohms, power can effectively be coupled to it with a link of one or
>> two turns. It would make sense that the power dissipation in the
>> microphone is maximum on negative peaks; i.e., all the RF is absorbed
>> on negative peaks, and that no power is dissipated in the microphone
>> on positive peaks, when the system is optimized.
>>
>> On the other hand, a piezoelectric crystal element operates under a
>> completely different principle from a carbon microphone. It is an
>> audio voltage generator, and a high impedance one, at that. It will
>> be incapable (or nearly so) of absorbing power from the tank circuit.
>>
>> Yesterday I made a quick test with a carbon microphone element
>> borrowed from an old-style telephone handset, and a two-turn loop of
>> insulated #12 copper, coupled to the Harley on 80M, into a 50 ohm
>> dummy load. I coupled the loop to the tank circuit until the output
>> power was approximately 25% of normal full output. There was

>> modulation, but it was nearly 100% FM (or possibly PM?), as when the
>> receiver was tuned exactly to the Hartley carrier frequency no
>> modulation was detected. I had to tune the receiver off-frequency on
>> one side of the carrier or the other to detect any modulation, (i.e.,
>> employ slope detection), and then modulation was observed. A scope
>> hooked up to the receiver IF showed no AM envelope pattern when tuned
>> to the carrier frequency. On the other hand, when plate-modulating
>> this Hartley a normal AM envelope pattern is displayed on the scope
>> when the receiver is tuned to the carrier frequency.
>>
>> One of the things I hope to do in the next few days is to set up an
>> audio oscillator to drive a speaker, acoustically-couple the speaker
>> to the microphones, and compare the envelope patterns from the
>> loop-modulated and plate-modulated systems. I hope to take
>> photographs of the scope displays and post them here.
>>
>> Probably more than you wanted to know ;-)
>>
>> 73,
>> -Larry/NE1S
>
>

9012. Re: [AWA Group] RE: Further AM TNT experiments (long...) [2 Attachments]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 22:03:07 UTC
From: STEVE MCDONALD
Topic: 9011 Message: 9012

Gosh that sounds just great Larry...thanks to you both for making the audio file available! I can't wait to hear your loop modulation tests.

BTW....how far is Paul from you? ....great signal for 5 watts.

Steve / VE7SL / 73

9013. Seasons greetings

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-25 23:08:44 UTC
From: Ron Barlow
Topic: 9013 Message: 9013

```
Best wishes for a very happy holiday season to one and all.
           Ron  n4gjv
```

9014. RE: [AWA Group] RE: Further AM TNT experiments (long...) [2 Attachments]

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-26 00:10:04 UTC
From: Mike Feher
Topic: 9011 Message: 9014

Now there is the real proof. Great sounding AM Larry, and, extremely stable. A well designed, plate modulated, free running Hartley, that is for sure. Thanks for sharing. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Wednesday, December 25, 2013 8:44 AM
To: AWAGroup@yahoogroups.com
Subject: [AWA Group] RE: Further AM TNT experiments (long...) [2 Attachments]

–

9015. Re: [AWA Group] RE: Further AM TNT experiments (long...)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-26 13:28:53 UTC
From: Larry Szendrei
Topic: 9011 Message: 9015

On 12/25/13 7:10 PM, Mike Feher wrote:
>
> Now there is the real proof. Great sounding AM Larry, and, extremely
> stable. A well designed, plate modulated, free running Hartley, that
> is for sure. Thanks for sharing. 73 - Mike
>
>
Thanks for the kudos, Mike. I had posted those files about a year ago. I thought it was relevant to the discussion, and we've had new members join since then, so, at the risk of being accused of tooting my own horn (for a second time, even), thought it was appropriate to do it again. And, again, many thanks to Paul ("Bugsy") for the QSO and making the recordings.

73,
-Larry/NE1S

9016. Re: [AWA Group] RE: Further AM TNT experiments (long...)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-26 13:39:49 UTC
From: Larry Szendrei
Topic: 9011 Message: 9016

On 12/25/13 5:03 PM, STEVE MCDONALD wrote:
>
> Gosh that sounds just great Larry...thanks to you both for making the
> audio file available! I can't wait to hear your loop modulation tests.
>
Thanks, Steve. I'll try to get the loop modulation tests done in the
next couple of days.
>
>
> BTW....how far is Paul from you? ....great signal for 5 watts.
>
Google maps shortest distance by road sez 137 miles. He's in Milo, ME,
and I'm in Gray, ME. (Anyone know a site that will give the air mileage?)

73,
-Larry/NE1S

9017. Re: [AWA Group] RE: Further AM TNT experiments (long...)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-26 13:51:06 UTC
From: N1BUG
Topic: 9011 Message: 9017

I just listened to the files you attached Larry. I didn't remember those clicks and pops from the SSB mode recording. I'll go back and review my master recording when I have a chance. I'm sure it was there and I just forgot. :-(

Google maps shortest distance by road sez 137 miles. He's in Milo, ME, and I'm in Gray, ME. (Anyone know a site that will give the air mileage?)

There are more precise methods, but QRZ.com will get it pretty close. Just look up my call and go to the details page. It says 115.7 miles. It is very precise on mapping my location because I "tweaked" their automatic QTH detection via my account. I'm not sure how accurately they have your location but it's probably within a mile or so. You can check by typing in your call, going to the details tab, and looking at the map.

BTW, the QSO was on 80 meters approximately two hours after sunrise for both of us.

73,
Paul N1BUG

9018. Re: [AWA Group] RE: Further AM TNT experiments (long...)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-26 14:11:40 UTC
From: N1BUG
Topic: 9011 Message: 9018

Footnote...

Wouldn't you know Google maps (which QRZ.com uses for satellite imagery) updated photos of my QTH this summer, during a major home repair project. :-(The piles of debris out front are not usually there. Honest!

You can see my three towers. The dark shadows of the towers jumped out a me immediately. It makes it look like the antennas are laying on the ground beside the towers. It's a little harder to see the actual towers. Evidently the satellite was nearly overhead at the time.

73,
Paul N1BUG

On 12/26/2013 08:51 AM, N1BUG wrote:

I just listened to the files you attached Larry. I didn't remember those clicks and pops from the SSB mode recording. I'll go back and review my master recording when I have a chance. I'm sure it was there and I just forgot. :-(

Google maps shortest distance by road sez 137 miles. He's in Milo, ME, and I'm in Gray, ME. (Anyone know a site that will give the air mileage?)

There are more precise methods, but QRZ.com will get it pretty close. Just look up my call and go to the details page. It says 115.7 miles. It is very precise on mapping my location because I "tweaked" their automatic QTH detection via my account. I'm not sure how accurately they have your location but it's probably within a mile or so. You can check by typing in your call, going to the details tab, and looking at the map.

BTW, the QSO was on 80 meters approximately two hours after sunrise for both of us.

73,
Paul N1BUG

9019. RE: [AWA Group] RE: Further AM TNT experiments (long...)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-26 14:12:42 UTC
From: Carl Nord
Topic: 9011 Message: 9019

Larry,

http://www.freemaptools.com/measure-distance.htm

Shows we are about 204 miles apart.

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Thursday, December 26, 2013 8:40 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments (long...)

On 12/25/13 5:03 PM, STEVE MCDONALD wrote:

Gosh that sounds just great Larry...thanks to you both for making the audio file available! I can't wait to hear your loop modulation tests.

Thanks, Steve. I'll try to get the loop modulation tests done in the next couple of days.

BTW....how far is Paul from you? ....great signal for 5 watts.

Google maps shortest distance by road sez 137 miles. He's in Milo, ME, and I'm in Gray, ME. (Anyone know a site that will give the air mileage?)

73,
-Larry/NE1S

9020. Further AM TNT experiments ARRL 1929 Handbook

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-26 17:15:12 UTC
From: Carl Nord
Topic: 9020 Message: 9020
Attachments: 1 described; binary payloads are missing from this source WARC

ARRL 1929 Handbook

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Thursday, December 26, 2013 8:40 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments (long...)

On 12/25/13 5:03 PM, STEVE MCDONALD wrote:

Gosh that sounds just great Larry...thanks to you both for making the audio file available! I can't wait to hear your loop modulation tests.

Thanks, Steve. I'll try to get the loop modulation tests done in the next couple of days.

BTW....how far is Paul from you? ....great signal for 5 watts.

Google maps shortest distance by road sez 137 miles. He's in Milo, ME, and I'm in Gray, ME. (Anyone know a site that will give the air mileage?)

73,
-Larry/NE1S

9021. Final report loop modulator

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-27 08:46:16 UTC
From: <dulmagedon@...>
Topic: 9021 Message: 9021

After losing the use of my main antenna during the ice storm I finally restored it to a usable level yesterday afternoon. A few minutes later I was in qso with my regular AM group including Tim with whom I had the QSO on my TNT with the loop modulator. This was my first opportunity to talk with him since we did it. He said " I could hear you Don, I could hear you well." He went on to tell me that he had lost one corner of his loop antenna due to weather and would like to try it again when he retores that section of his antenna. He was as I said 179.6 miles away. Another in the group piped up on his turn at the table to say "I could hear you too, Don, You were quite strong here. I knew you said you were going to call CQ on the 1/4 past hours so listened a couple of times. Unfortuntely for me 40 Transmitabilty is not easy for him as his station is set up on 80M and not easy to change (remote manual antenna tuner) which I can understand. One does not want to spend 20 minutes retuning and reconfiguring for a 30 second exchange.
There were as you may have noticed no comments about audio good or bad. I would conclude that it was as good as my usual (DX60B thru a homebrewed dual 811A GG amp.
Now I took a lot of flack over this. I did not enjoy that .
!st I did not pretend to invent or reinvent this. I did understand it. Why I don't really know but I did . I did however build it and test it on several rigs while the rest of you doom sayers were postulating. For that I offer no apology. I spent almost a week testing into dummy load and monitoring on mostly a good quality digital receiver. I tried the loop in several places and with single and multiple turns. What worked best is close to what Lous rig has. I also though installed it in the antenna link and was able to make it work there as well but not as good as the other. I was able to test it using my most narrow cw filter on my digital receiver and have it stay inside that filter which for a voice signal is not insignificant. It is for that reason I think it is not FM. I am able to set it on frequency with the loop circuit open, key the mic and it is still there however I worked hard to get my tnt stable freq.. The other rig mentioned here used in testing did as I recall also FM on Plate modulation which it should not .SO perhaps on should repair that first. (I am currently working on my 211 Hartley to improve its stability before going on air. even on CW) So after testing this, talking with my engineer father a couple of times. I went to Europe for week and mulled it over. I could see no good reason not to put it on the air and so I did the trials last Saturday I spoke of above.
I also did the scope trials and videotaped them. As I predicted against several critics suggestions otherwise they do not look like one would expect for normal AM phone transmissions. However BTW neither to cathode modulation patterns in case you were not aware of that.
I also installed the system on an ARC5 T18 converted to 160M in the PA tank at the OPPOSITE end of the tank coil as are my others as I clearly pointed out before.
I was able to make it work there as well so now I am not modulating an oscillator and it still works.. It is highly unlikely it is making FM there . I have not had it in on air trials yet but hope to.
As for % of modulation , audio response curves etc it seems to me kind of silly in a forum dedicated to pre1929 radio design and use as voice would have been welcomed back then.
Now as to British or American. Lou posted an article from a 1921 QST magazine where they built and tested this exact system Most never bothered to read it obviously but the term effective did appear in the article and it did directly credit the design to early British

aircraft radio development. .I am not British just so you know and being Canadian does not make me Britisher either. I am part of the third largest ethnic group in Canada with German or Deutsche blood so would have preferred this neat little deal had come from elsewhere too but it didn't. Thats life, Suck it up. .
Finally as for the personal attacks. I was surprised to find this in a forum such as this. Despite berating me and my skill level none of you actually knows me, has been to my shack, has seen my equipment (most of which (75%)is homebrew by design and construction)nor know absolutely anything about me career wise, experience wise, or life wise. Hardly fair to say the least.
,However I don't like being where I am not welcome so I am checking out. Cliques were never something I was good at. .
73s Don

9022. Re: [AWA Group] Final report loop modulator

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-27 17:16:31 UTC
From: Leonard Meek
Topic: 9021 Message: 9022

Hey, Don, I hope you aren't serious about leaving the group. I'm not a ham, but I work pretty much the same way you do. As someone one one of the groups says, "Building without experimenting is just soldering practice."

Leonard

9023. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-27 20:02:46 UTC
From: Carl Nord
Topic: 8896 Message: 9023

Well,

I wasted the day trying J

Loop is not working for me. The carbon mike works according to the scope, I am definitely loading down the coil, but no luck. I may try some of the other methods, or may move on to other projects…

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Monday, December 23, 2013 8:09 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

A crystal mike is essentially a piezo electric transducer. It can generate feeble voltages when stressed with the intention that as designed, it does it in response to sound pressure. The loop itself, being a dead short, would render the mike useless, in my opinion. Maybe, coupled to the loop through a small capacitor, some sort of FM modulation could take place.

As I said before, by way before 1929, regular plate, screen and cathode modulation schemes were being used. A type 47 may be a good candidate for trying screen modulation. In my opinion, loop modulation is good for the history books, or maybe to play with, but, a waste of time if you really want to be heard. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Carl Nord
Sent: Monday, December 23, 2013 7:37 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Can a crystal mike be used for Loop Modulation?

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Mike Feher
Sent: Monday, December 23, 2013 12:06 PM

To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] RE: Further AM TNT experiments

Paul –

What you are thinking about is called a Wobbulator. The concept has seen lots of uses in the electronics industry to create either FM, or, an early form of a Varactor. My first discovery of it was in an AN/APN-1 IFF unit that I bought surplus in the late 50’s. Had me scratching my head for a while, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of N1BUG
Sent: Monday, December 23, 2013 11:54 AM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

Err - perhaps a reactance modulator? ;-)

Well... yeah. :-)
I believe, after some learning curve, I could probably whip something up using modern components. What I should have said is I'd be interested in finding a way to do that using old components, even if not quite '29 vintage. Currently, I'm nowhere near knowledgeable enough to attempt that.

Another cruder (and less-effective way) is to have a poorly-supported oscillator tank coil (reference my previous 589W post) and scream at it - yes, that actually works, although you don't get much deviation. But it's fun :-)

Interesting. That would be a fun experiment. How about a loudspeaker-excited "variable" capacitor (one plate thin and flexible) in parallel with the tank coil. I'm not serious. I can see a few potential problems with that already. Still, I can see myself wasting a day trying it, if for no other reason than to prove it doesn't work well.

73,
Paul N1BUG

9024. Re: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-27 20:06:35 UTC
From: Larry Szendrei
Topic: 8896 Message: 9024

On 12/27/13 3:02 PM, Carl Nord wrote:
>
> Well,
>
> I wasted the day trying J
>
> Loop is not working for me. The carbon mike works according to the
> scope, I am definitely loading down the coil, but no luck. I may try
> some of the other methods, or may move on to other projects…
>
>
Carl - did you try tuning your monitor receiver off to one side of the carrier or the other, to slope-detect FM? That's what I needed to do to hear any modulation when I tried it on my Hartley.

73,
-Larry/NE1S

9025. eBay Alert A new approach to eBay selling

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-27 22:15:57 UTC
From: Louis Vermond
Topic: 9025 Message: 9025

http://www.ebay.com/itm/PHILCO-5Y3-COKE-BOTTLE-Audio-Guitar-Amp-Amplifier-TUBE/261358492735?_trksid=p2047675.m1851&_trkparms=aid%3D222007%26algo%3DSIC.MBE%26ao%3D1%26asc%3D18775%26meid%3D3702491047699607596%26pid%3D100005%26prg%3D8532%26rk%3D2%26rkt%3D4%26sd%3D310826365663%26#ht_954wt_1213

My, there is something else to life than loop modulation....

9026. Re: [AWA Group] RE: Further AM TNT experiments (long...)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-28 01:11:08 UTC
From: <thoughtforms@...>
Topic: 9011 Message: 9026

http://www.distance-cities.com/search?from=Milo%2C+ME%2C+United+States&to=Gray%2C+ME%2C+United+States http://www.distance-cities.com/search?from=Milo%2C+ME%2C+United+States&to=Gray%2C+ME%2C+United+States
this one shows 115ish miles by air, 134.7 by road... but maybe yer sigs took the long path?

9027. eBay Alert Buss wire loop pliers!

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-28 04:05:38 UTC
From: Louis Vermond
Topic: 9027 Message: 9027

Round step sizes appropriate for #s 4, 6 & 10 screws.

http://www.ebay.com/itm/WIRE-WORKING-PLIERS-WIRE-LOOPING-PLIER-COILING-FORMING-BENDING-SMOOTH-3-STEP-JAW-/190788028914?pt=LH_DefaultDomain_0&hash=item2c6bda49f2#ht_946wt_975

9028. Re: [AWA Group] RE: Further AM TNT experiments (long...)

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-28 14:47:51 UTC
From: Larry Szendrei
Topic: 9011 Message: 9028

On 12/27/13 8:11 PM, thoughtforms@... wrote:
>
> http://www.distance-cities.com/search?from=Milo%2C+ME%2C+United+States&to=Gray%2C+ME%2C+United+States
>
> this one shows 115ish miles by air, 134.7 by road... but maybe yer
> sigs took the long path?
>
> __.
Thanks - I bookmarked that one, as well as the site posted by Carl. And
Paul pointed me to the right place in QRZ.com, which at first I had a
hard time finding (information overload syndrome).

73,
-Larry/NE1S

9029. 841 Hartley experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-28 14:49:00 UTC
From: Steve Flood
Topic: 9029 Message: 9029

Recent discussions on the 841, the winter building season, and some long-needed vacation time compelled me to pull the Hartley of the shelf and at least do some experiments with the 841/VT-51 tube. The rig is the common Hull Hartley setup, except with a Cardwell 1000pF antenna loading cap. All tests were at 400v (regulated with only 1 to 2 volts drop upon key down) on the plate. I recorded plate current, grid voltage and calculated current (across the paralleled grid resistor and capacitor), and output power (LP-100A). I also noted signal quality on a modern receiver and RF waveform distortion on an oscilloscope via an RF sampler in the output coax to a dummy load. Circuit variables included tank coil tap position, coupling (coil spacing, loading coil size, load cap setting) and grid resistor value.

Observations and findings (80m operation):

Efficiencies of 44-45% were easily obtained.

Best tone quality and RF waveform associated with higher efficiencies of 40-45%. T8 to T9 quality noted many times.

RF waveform was never a perfectly clean sine wave, although the best tones had the cleanest waveforms.

Peak efficiency (44-45%) occurred when the filament tap was at 4 turns (on the 'standard' 12-turn coil) for grid resistor values of 2260 and 5000 ohms. The same peak efficiency at a lower grid resistor value of 1650 ohms occurred at a tap position of 3 to 3.5 turns.

In the G.E. spec sheet, a 5000 ohm grid resistor is recommended. I was only able to get 5 to 8mA grid current (of the specified 15mA).

With 2260 ohms grid resistor, grid currents of 6.5 to 10mA.

With 1650 ohms grid resistor, grid currents of 6.7 to 11.5mA.

All of these grid resistances were in parallel with a 250pF mica cap. I may try a higher value to affect more grid drive.

High grid resistor values were associated with higher antenna loading Q and lower load C values.

Lower grid resistor values were associated with lower antenna loading Q and higher load C values.

Coil spacings of .25" to .75" was the performance "window". A 1000pF load cap was too small for the wider coil spacings. Reducing the mutual L coupling (wider spacing) necessitates a higher C coupling (more C). I ran out of load C (1000pF) when spacing exceeded .75".

Very high loading Q was obtained when I tried a 12-turn loading coil at .25" spacing from the tank coil. The load cap setting was very sharp and difficult to peak. So, High L and Low C in the series loading circuit creates very high Q. I tried a 3-turn loading coil which had the opposite effect - not nearly enough load C to peak the output and a very low Q.

Plate currents of 33-45mA had the best performance in terms of efficiency, tone quality, and RF waveform distortion. Plate currents below that range had lower efficiency. I rarely tested up to the 50mA max Ip, but performance was still acceptable. Undercoupling the load (too little C load for a given coil spacing) forces higher grid currents, lower efficiency, and causes waveform distortion and lowered tone quality.

Thought I'd share these. Many of these observations are probably true for any of our self-excited oscillator rigs.

The 841 is a capable performer! I will be doing more tests later (40m, 160m, grid cap) and also compare performance to the 10 tube.

- Steve, KK7UV

9030. RE: [AWA Group] RE: Further AM TNT experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-28 14:53:20 UTC
From: Carl Nord
Topic: 8896 Message: 9030

I did Larry

I could see what looked like small audio peaks on the SDR but no enough to really hear

Carl Nord

WA1KPD

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Larry Szendrei
Sent: Friday, December 27, 2013 3:07 PM
To: AWAGroup@yahoogroups.com
Subject: Re: [AWA Group] RE: Further AM TNT experiments

On 12/27/13 3:02 PM, Carl Nord wrote:

Well,

I wasted the day trying J

Loop is not working for me. The carbon mike works according to the scope, I am definitely loading down the coil, but no luck. I may try some of the other methods, or may move on to other projects…

Carl - did you try tuning your monitor receiver off to one side of the carrier or the other, to slope-detect FM? That's what I needed to do to hear any modulation when I tried it on my Hartley.

73,
-Larry/NE1S

9031. Re: [AWA Group] 841 Hartley experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-28 15:05:57 UTC
From: Larry Szendrei
Topic: 9029 Message: 9031

Excellent information, Steve! Thanks for sharing these data.

73,
-Larry/NE1S

On 12/28/13 9:49 AM, Steve Flood wrote:
>
> Recent discussions on the 841, the winter building season, and some
> long-needed vacation time compelled me to pull the Hartley of the
> shelf and at least do some experiments with the 841/VT-51 tube. The
> rig is the common Hull Hartley setup, except with a Cardwell 1000pF
> antenna loading cap. All tests were at 400v (regulated with only 1 to
> 2 volts drop upon key down) on the plate. I recorded plate current,
> grid voltage and calculated current (across the paralleled grid
> resistor and capacitor), and output power (LP-100A). I also noted
> signal quality on a modern receiver and RF waveform distortion on an
> oscilloscope via an RF sampler in the output coax to a dummy load.
> Circuit variables included tank coil tap position, coupling (coil
> spacing, loading coil size, load cap setting) and grid resistor value.
>
> _Observations and findings (80m operation):_
>
> Efficiencies of 44-45% were easily obtained.
>
> Best tone quality and RF waveform associated with higher efficiencies
> of 40-45%. T8 to T9 quality noted many times.
>
> RF waveform was never a perfectly clean sine wave, although the best
> tones had the cleanest waveforms.
>
> Peak efficiency (44-45%) occurred when the filament tap was at 4 turns
> (on the 'standard' 12-turn coil) for grid resistor values of 2260 and
> 5000 ohms. The same peak efficiency at a lower grid resistor value of
> 1650 ohms occurred at a tap position of 3 to 3.5 turns.
>
> In the G.E. spec sheet, a 5000 ohm grid resistor is recommended. I
> was only able to get 5 to 8mA grid current (of the specified 15mA).
>
> With 2260 ohms grid resistor, grid currents of 6.5 to 10mA.
>
> With 1650 ohms grid resistor, grid currents of 6.7 to 11.5mA.
>
> All of these grid resistances were in parallel with a 250pF mica cap.
> I may try a higher value to affect more grid drive.
>

> High grid resistor values were associated with higher antenna loading
> Q and lower load C values.
>
> Lower grid resistor values were associated with lower antenna loading
> Q and higher load C values.
>
> Coil spacings of .25" to .75" was the performance "window". A 1000pF
> load cap was too small for the wider coil spacings. Reducing the
> mutual L coupling (wider spacing) necessitates a higher C coupling
> (more C). I ran out of load C (1000pF) when spacing exceeded .75".
>
> Very high loading Q was obtained when I tried a 12-turn loading coil
> at .25" spacing from the tank coil. The load cap setting was very
> sharp and difficult to peak. So, High L and Low C in the series
> loading circuit creates very high Q. I tried a 3-turn loading coil
> which had the opposite effect -- not nearly enough load C to peak the
> output and a very low Q.
>
> Plate currents of 33-45mA had the best performance in terms of
> efficiency, tone quality, and RF waveform distortion. Plate currents
> below that range had lower efficiency. I rarely tested up to the 50mA
> max Ip, but performance was still acceptable. Undercoupling the load
> (too little C load for a given coil spacing) forces higher grid
> currents, lower efficiency, and causes waveform distortion and lowered
> tone quality.
>
> Thought I'd share these. Many of these observations are probably true
> for any of our self-excited oscillator rigs.
>
> The 841 is a capable performer! I will be doing more tests later
> (40m, 160m, grid cap) and also compare performance to the 10 tube.
>
> -Steve, KK7UV
>
>

9032. Ceramic Compression Trimmer Capacitor 4-30 Pf 500V Wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-29 14:33:45 UTC
From: <alexm_1968@...>
Topic: 9032 Message: 9032

Hello to All I'm looking for a ceramic compression trimmer capacitor 4-30 Pf 500V for my 1944 WS19 Mk3 an modern part would be fine because its hidden under a shield. I've checked all the suppliers that I know of and nothing comes close, its eighter the value or the voltage. if someone could point me in the right direction or has one for sale or give pls let me know....

Alex

9033. RE: [AWA Group] Ceramic Compression Trimmer Capacitor 4-30 Pf 500V Wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-29 16:05:49 UTC
From: Steve Flood
Topic: 9032 Message: 9033
Attachments: 1 described; binary payloads are missing from this source WARC

http://www.surplussales.com/Variables/Compression/CompCap1.html

Close enough Alex?

9034. RE: [AWA Group] Ceramic Compression Trimmer Capacitor 4-30 Pf 500V Wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-29 16:19:07 UTC
From: Mike Feher
Topic: 9032 Message: 9034
Attachments: 1 described; binary payloads are missing from this source WARC

That does not look like a compression cap to me Steve. I usually think of the Arco style caps for compression and I probably have hundreds downstairs. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Steve Flood
Sent: Sunday, December 29, 2013 11:06 AM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Ceramic Compression Trimmer Capacitor 4-30 Pf 500V Wanted

http://www.surplussales.com/Variables/Compression/CompCap1.html

Close enough Alex?

9035. RE: [AWA Group] Ceramic Compression Trimmer Capacitor 4-30 Pf 500V Wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-29 17:03:36 UTC
From: Steve Flood
Topic: 9032 Message: 9035

>>That does not look like a compression cap to me Steve. I usually think of the Arco style caps for compression….

I usually think of the Arco caps as well Mike. Perhaps this surplus shop mislabeled it on their webpage? It really looks like a rotor/stator/dielectric type.

Anyhow I thought I’d suggest to Alex that he could purchase the 500v Arco and perhaps remove plates to get the value/range he desires.

Steve, KK7UV

9036. RE: [AWA Group] Ceramic Compression Trimmer Capacitor 4-30 Pf 500V Wanted

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-29 17:15:34 UTC
From: Mike Feher
Topic: 9032 Message: 9036

Exactly – that was real neat with the Arcos. Either removing plates for less capacitance or adding from another for more capacitance. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: AWAGroup@yahoogroups.com [mailto:AWAGroup@yahoogroups.com] On Behalf Of Steve Flood
Sent: Sunday, December 29, 2013 12:04 PM
To: AWAGroup@yahoogroups.com
Subject: RE: [AWA Group] Ceramic Compression Trimmer Capacitor 4-30 Pf 500V Wanted

>>That does not look like a compression cap to me Steve. I usually think of the Arco style caps for compression….

I usually think of the Arco caps as well Mike. Perhaps this surplus shop mislabeled it on their webpage? It really looks like a rotor/stator/dielectric type.

Anyhow I thought I'd suggest to Alex that he could purchase the 500v Arco and perhaps remove plates to get the value/range he desires.

Steve, KK7UV

9037. Re: [AWA Group] 841 Hartley experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-29 17:34:50 UTC
From: Ron Barlow
Topic: 9029 Message: 9037

Hi Steve,

Many thanks for passing along the very interesting results, of your 841 experiments! Good "stuff"!

I had no spare 841s for the MOPA, that I constructed some years ago. However, I later acquired a 10 at a CC-AWA meet, and tested it in both stages of the MOPA. I recall that it did work fine, but I am unable to locate any notes regarding the details of my results. (I probably changed the grid leak resistor values to suit the lower mu tube, when I made the swap).
Therefore, I will be looking forward to reading the results of your future, comparison type experiments.

Vy 73 & HNY de Ron n4gjv

From: Steve Flood <kk7uv@...>
To: awagroup@yahoogroups.com
Sent: Saturday, December 28, 2013 9:49 AM
Subject: [AWA Group] 841 Hartley experiments

Recent discussions on the 841, the winter building season, and some long-needed vacation time compelled me to pull the Hartley of the shelf and at least do some experiments with the 841/VT-51 tube. The rig is the common Hull Hartley setup, except with a Cardwell 1000pF antenna loading cap. All tests were at 400v (regulated with only 1 to 2 volts drop upon key down) on the plate. I recorded plate current, grid voltage and calculated current (across the paralleled grid resistor and capacitor), and output power (LP-100A). I also noted signal quality on a modern receiver and RF waveform distortion on an oscilloscope via an RF sampler in the output coax to a dummy load. Circuit variables included tank coil tap position, coupling (coil spacing, loading coil size, load cap setting) and grid resistor value.

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In the G.E. spec sheet, a 5000 ohm grid resistor is recommended. I was only able to get 5 to 8mA grid current (of the specified 15mA).
With 2260 ohms grid resistor, grid currents of 6.5 to 10mA.
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All of these grid resistances were in parallel with a 250pF mica cap. I may try a higher value to affect more grid drive.
High grid resistor values were associated with higher antenna loading Q and lower load C values.
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Coil spacings of .25” to .75” was the performance “window”. A 1000pF load cap was too small for the wider coil spacings. Reducing the mutual L coupling (wider spacing) necessitates a higher C coupling (more C). I ran out of load C (1000pF) when spacing exceeded .75”.

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Thought I’d share these. Many of these observations are probably true for any of our self-excited oscillator rigs.
The 841 is a capable performer! I will be doing more tests later (40m, 160m, grid cap) and also compare performance to the 10 tube.

- Steve, KK7UV

9038. RE: [AWA Group] 841 Hartley experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-30 01:26:54 UTC
From: Steve Flood
Topic: 9029 Message: 9038

> looking forward to reading the results of your future, comparison type experiments.

Ron and others,

I ran some more tests with the 841 Hartley. This time I experimented with the grid R and C values to see if there is some optimal combination.

I began with some guidelines from Army Manual TM 11-665 “CW and AM Radio Transmitters and Receivers”. On page 47, they describe the time constant of the RC grid combination. They say the RC time constant should be large compared to the period of oscillation, but not too large. So I took that to mean, at least, do not select an RC time constant that is below the oscillation period. Another consideration is that for Class C operation, we have to select our grid resistor to provide heavy enough bias.

With that, I have to ask a question: In my tests I have been measuring the bias with a voltmeter across the grid resistor. Is this the correct way? Or should I be measuring from the grid to the filament center tap???? There is a substantial difference in these two readings, and I am not sure which is the actual “grid bias”.

Okay, back to the show. With the RC and time constant information in hand, I figured I needed a 2200 ohm resistor (to get -32 volts of bias at 15mA as per the spec sheet). With the 2200 ohm resistor, I need a 150pF grid capacitor to get the time constant greater than the period of oscillation.

150pF x 2200ohms = 0.330uS time constant

Period of oscillation at 3.560 MHz = 0.281uS.

Well when I tried this combo out, and compared performance to the 2260 ohm/250pF combo, I saw no significant difference in efficiency, grid current, note quality, etc. What I concluded is that the 250pF/2260 ohm combination (TC=.565uS) is apparently not “too long”, even though it is twice the period of oscillation. The Army manual did not quantify what “too long” meant, but at least this single test gives me some idea.

OK, well enough of that for now.

I then plugged the 10 tube into the Hartley, and using the ‘standard’ 10k grid resistor and 250pF grid capacitor, I got some very good performance. Look at the efficiencies!

Tank Coil tap

Coil coupling

Capacitor

coupling

Plate

volts

Plate

mA

Input

Output

Eff.%

Grid

V

3.25

.25”

550pF

395

49.81

19.67

8.26

42

na

3.25

.50

1000pF

395

48.0

18.96

8.40

44

-28

3.25

.75”

1000pF

397

35.6

14.13

6.45

45

-40

4

.50”

840pF

397

57.5

22.85

10.97

48

-46

4

.75”

1000pF

393

42.3

16.62

7.56

45

-36

4

1”

1000pF

397

33.6

13.34

5.14

38

na

The note quality was excellent T9 in nearly all cases. As before, overcoupling (coils too close together and/or load cap too far open) resulted in lower quality.

So one other item of interest is the common need for high loading C in relation to the 500pF ‘standard’ loading capacitor in Hull’s Hartley, as well as other designs of the time such as the TNT. I am wondering if the antennas used at that time were fairly high impedance – several hundred ohms as compared to our 50-ohm systems. A quick Smith chart exercise shows that a high load impedance would allow for much smaller load capacitor values for a given coil coupling. It also presents a much higher resistance to the tube, with lower plate currents.

More to think about anyway…..

Steve, KK7UV

9039. Question

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-31 00:00:57 UTC
From: Louis Vermond
Topic: 9039 Message: 9039
Attachments: 1 described; binary payloads are missing from this source WARC

Is this an American made audio transformer? Tks, Lou

9040. Re: [AWA Group] 841 Hartley experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-31 02:26:21 UTC
From: Ron Barlow
Topic: 9029 Message: 9040

Hi Steve,

Once again, many thanks for sharing the results, of your experiments, with he your Hull Hartley!

Thanks also for the info on the time constant of the grid leak assembly. I do not recall previously seeing that info, before. Good "stuff"!

Re the grid bias measurement, I would be concerned that the operation of the oscillator circuit would be affected somewhat, by the first method, that you described (RF radiation, etc.). A way of testing that would be to observe both the plate current and the power output, before and after attaching the meter. If either measurement changes significantly, the addition of the meter has affected the oscillator performance, and the accuracy of your grid voltage measurement may be in question.

The 2nd method would probably be ok, if you use something like a VTVM with a 1 megohm resistor, located at the probe, to prevent disturbing the performance of the oscillator circuit. Beware, however, with either method, that the RF present, in the circuit, may affect the accuracy of the meter reading.

The method that I would use, would be to measure the grid current, then use ohms law to calculate the grid bias. To do this, you could break the connection between the tap on L-2, and the two C-5 (2000 pf) capacitors. Install a temporary .01 mfd mica or disc ceramic capacitor, shunted with a 100 ohm resistor across the open circuit that you just created.
Now, apply power to the oscillator, and measure the voltage drop across the 100 ohm resistor. Use a meter that will not be affected by RF, and locate the meter at least a couple of feet away from the Hartley.
(You could add Rf chokes in the leads to the meter, at the meter end of the meter leads, and another .01 mfd cap, at the meter tereminals, to eliminate the affects of RF, on the meter reading).
Now, use ohms law to determine the grid current, then use ohms law, once again, to determine the grid bias.

For example, if you measure 1.2 volts across the 100 ohm resistor, the grid current is .012 ampere or 12 ma. (.012 amperes / 100 ohms).
If you are using a 2260 ohm grid leak, then the grid bias would be 27.12 volts (.012 amperes x 2260 ohms).

GL & HNY to all!
Ron n4gjv

From: Steve Flood <kk7uv@...>
To: AWAGroup@yahoogroups.com
Sent: Sunday, December 29, 2013 8:26 PM
Subject: RE: [AWA Group] 841 Hartley experiments

> looking forward to reading the results of your future, comparison type experiments.

Ron and others,

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With that, I have to ask a question: In my tests I have been measuring the bias with a voltmeter across the grid resistor. Is this the correct way? Or should I be measuring from the grid to the filament center tap???? There is a substantial difference in these two readings, and I am not sure which is the actual “grid bias”.

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Period of oscillation at 3.560 MHz = 0.281uS.

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OK, well enough of that for now.

I then plugged the 10 tube into the Hartley, and using the ‘standard’ 10k grid resistor and 250pF grid capacitor, I got some very good performance. Look at the efficiencies!

Tank Coil tap Coil coupling Capacitor
coupling Plate
volts Plate
mA Input Output Eff.% Grid
V
3.25 .25” 550pF 395 49.81 19.67 8.26 42 na
3.25 .50 1000pF 395 48.0 18.96 8.40 44 -28
3.25 .75” 1000pF 397 35.6 14.13 6.45 45 -40
4 .50” 840pF 397 57.5 22.85 10.97 48 -46
4 .75” 1000pF 393 42.3 16.62 7.56 45 -36
4 1” 1000pF 397 33.6 13.34 5.14 38 na

The note quality was excellent T9 in nearly all cases. As before, overcoupling (coils too close together and/or load cap too far open) resulted in lower quality.

So one other item of interest is the common need for high loading C in relation to the 500pF ‘standard’ loading capacitor in Hull’s Hartley, as well as other designs of the time such as the TNT. I am wondering if the antennas used at that time were fairly high impedance – several hundred ohms as compared to our 50-ohm systems. A quick Smith chart

exercise shows that a high load impedance would allow for much smaller load capacitor values for a given coil coupling. It also presents a much higher resistance to the tube, with lower plate currents.

More to think about anyway…..

Steve, KK7UV

9041. Interesting tube socket

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-31 04:06:44 UTC
From: Louis Vermond
Topic: 9041 Message: 9041
Attachments: 3 described; binary payloads are missing from this source WARC

Jim, VE3BHK recently foisted on me a box of 1920s tube sockets looking as if they had been stored in a chicken coop for 78 years.

Among the Croslys, Na-Alds and early no-namers was this nondescript Bremer-Tully socket. At first glance it looked as if the pin slot area had been cut out.
A closer look revealed that the "removed" edge surfaces were moulded not sawed. Looking down into the shell I saw that the tube pin terminal contact method was quite unique. A prise...

Thanks, Jim.
After cleaning.

Top view
Insert tube base with side pin at "G". Twist tube C.W.

Tube pin / terminal strip contact at centre...cleaver.

9042. RE: [AWA Group] 841 Hartley experiments

Yahoo group: AWAGroup (2012 — 2013)
Date: 2013-12-31 17:56:45 UTC
From: Steve Flood
Topic: 9029 Message: 9042

>observe both the plate current and the power output, before and after attaching the meter. If either measurement changes significantly, the addition of the meter has affected the oscillator performance,

OK, I gave that a try. The presence of the leads is having an effect. I tried two modern DVM's (Fluke 27 and Extech 330).

Leads' location

Parameter

Fluke

Extech

Grid to C.T.

Power Out

Down 61%

Down 7%

Plate current

Down 28%

Down 4%

Across grid resistor

Power Out

Down 15%

Down 8%

Plate current

Up 3%

Up 2%

>break the connection between the tap on L-2, and the two C-5 (2000 pf) capacitors. Install a temporary .01 mfd mica or disc ceramic capacitor, shunted with a 100 ohm resistor across the open circuit that you just created. Now, apply power to the oscillator, and measure the voltage drop across the 100 ohm resistor.

OK, did that.

Use a meter that will not be affected by RF, and locate the meter at least a couple of feet away from the Hartley. (You could add Rf chokes in the leads to the meter, at the meter end of the meter leads, and another .01 mfd cap, at the meter tereminals, to eliminate the affects of RF, on the meter reading).

Not sure how RF-immune my meters really are, so I used the chokes and additional bypass cap. At least with this method, there was no change in plate current between leads attached/disconnected across the 100-ohm/.01uF. However, there was a 7% difference in power output. As far as grid voltage and current readings, I came up with consistently higher readings for both using your metering method.

Thanks Ron!

Steve, KK7UV